

File 344:Chinese Patents Abs Aug 1985-2002/Nov  
          (c) 2002 European Patent Office  
 File 347:JAPIO Oct 1976-2002/Aug(Updated 021203)  
          (c) 2002 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2002/UD,UM &UP=200279  
          (c) 2002 Thomson Derwent  
 File 348:EUROPEAN PATENTS 1978-2002/Dec W01  
          (c) 2002 European Patent Office  
 File 349:PCT FULLTEXT 1979-2002/UB=20021205,UT=20021128  
          (c) 2002 WIPO/Univentio  
 ?ds

Set	Items	Description
S1	116	AU='PIERCE P':AU='PIERCE PETER D'
S2	40	S1 AND (POSTAGE? OR THIRD()PART?)
S3	346	AU='KRAMER A':AU='KRAMER ANATOLY ILICH'
S4	3	S3 AND (POSTAGE(5N) (THIRD()PARTY))
?		

2/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06386817 \*\*Image available\*\*

**POSTAGE** SYSTEM AND METHOD FOR AUTOMATICALLY DETECTING REMOTE POSTAL  
SECURITY DEVICE ON NETWORK

PUB. NO.: 11-328464 [JP 11328464 A]  
PUBLISHED: November 30, 1999 (19991130)  
INVENTOR(s): GRAVELL LINDA A  
LEE DAVID K  
PIERCE PERRY A  
RILEY DAVID W  
RYAN FREDERICK W JR  
SANCHEZ MATTHEW E  
APPLICANT(s): PITNEY BOWES INC  
APPL. NO.: 10-378106 [JP 98378106]  
FILED: December 18, 1998 (19981218)  
PRIORITY: 993353 [US 993353], US (United States of America), December  
18, 1997 (19971218)

**POSTAGE** SYSTEM AND METHOD FOR AUTOMATICALLY DETECTING REMOTE POSTAL  
SECURITY DEVICE ON NETWORK

INVENTOR(s): GRAVELL LINDA A  
LEE DAVID K  
PIERCE PERRY A  
RILEY DAVID W  
RYAN FREDERICK W JR  
SANCHEZ MATTHEW E

#### ABSTRACT

PROBLEM TO BE SOLVED: To print a **postage** stamp impression by using a network of personal computers by enabling a client PC on a network to obtain **postage** value from a remote postal security device(PSD) through a server PC.

SOLUTION: A network...

2/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06386815 \*\*Image available\*\*

**POSTAGE** SYSTEM AND METHOD FOR SINGLE VAULT DISTRIBUTING **POSTAGE** STAMP  
TO PLURAL PRINTERS

PUB. NO.: 11-328462 [JP 11328462 A]  
PUBLISHED: November 30, 1999 (19991130)  
INVENTOR(s): **PIERCE PERRY A**  
APPLICANT(s): PITNEY BOWES INC  
APPL. NO.: 10-378101 [JP 98378101]  
FILED: December 18, 1998 (19981218)  
PRIORITY: 993357 [US 993357], US (United States of America), December  
18, 1997 (19971218)

**POSTAGE** SYSTEM AND METHOD FOR SINGLE VAULT DISTRIBUTING **POSTAGE** STAMP  
TO PLURAL PRINTERS

INVENTOR(s): **PIERCE PERRY A**

#### ABSTRACT

PROBLEM TO BE SOLVED: To print a **postage** stamp impression by using a network equipped with printers by giving printed digital tokens to

respective **postage** -paid displays of mails as if accounting devices were fitted to the printers.

SOLUTION: A...

...to the network. The PSD 40 has a unique identifier and is able to store **postage** values and generate digital signs. When **postage** payment needs to be certified, the printer modules 22 and 24 directly request the PSD 40 to certify the **postage** payment. The PSD 40 has an optionally selected modem for connecting to a data center...

2/3,K/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06375224 \*\*Image available\*\*

**POSTAGE** METERING SYSTEM AND ITS METHOD FOR INDEPENDENT METER HAVING VIRTUAL METER FUNCTION

PUB. NO.: 11-316860 [JP 11316860 A]  
PUBLISHED: November 16, 1999 (19991116)  
INVENTOR(s): MALANDRA CHARLES R JR  
PIERCE PERRY A  
APPLICANT(s): PITNEY BOWES INC  
APPL. NO.: 10-378099 [JP 98378099]  
FILED: December 18, 1998 (19981218)  
PRIORITY: 993355 [US 993355], US (United States of America), December 18, 1997 (19971218)

**POSTAGE** METERING SYSTEM AND ITS METHOD FOR INDEPENDENT METER HAVING VIRTUAL METER FUNCTION

INVENTOR(s): MALANDRA CHARLES R JR  
PIERCE PERRY A

#### ABSTRACT

PROBLEM TO BE SOLVED: To realize a **postage** metering system and its method using a personal computer.

SOLUTION: A **postage** metering system includes a host processor to which printers 22 and 23 are connected. A...

... the host processor. The PSD 40 is provided with a first peculiar identifier, a first **postage** storage device, and a first digital signature generator. The host processor request the PSD 40 to issue a first certificate of **postage** payment printed by printers 22 and 23 and can obtain it. The host processor requests a remote data center 5 to issue a second certificate of **postage** payment printed by printers 22 and 23 and can obtain it. For each meter transaction...

... and 23, the host processor starts to request one of first and second certificates of **postage** payment. In one embodiment, the host processor is a general computer.

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2/3,K/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

06355103 \*\*Image available\*\*

**POSTAGE** METHOD AND SYSTEM FOR INDEPENDENT METER FUNCTIONING AS METER SERVER ON NETWORK

PUB. NO.: 11-296711 [JP 11296711 A]  
PUBLISHED: October 29, 1999 (19991029)  
INVENTOR(s): GRAVELL LINDA A  
LEE DAVID K  
PIERCE PERRY A  
RILEY DAVID W  
RYAN FREDERICK W JR  
APPLICANT(s): PITNEY BOWES INC  
APPL. NO.: 10-378107 [JP 98378107]  
FILED: December 18, 1998 (19981218)  
PRIORITY: 993354 [US 993354], US (United States of America), December  
18, 1997 (19971218)

**POSTAGE METHOD AND SYSTEM FOR INDEPENDENT METER FUNCTIONING AS METER  
SERVER ON NETWORK**

INVENTOR(s): GRAVELL LINDA A  
LEE DAVID K  
PIERCE PERRY A  
RILEY DAVID W  
RYAN FREDERICK W JR

**ABSTRACT**

PROBLEM TO BE SOLVED: To obtain the **postage** meter system and method using  
a personal computer.

SOLUTION: A post security device(PSD) 40 is provided with a peculiar  
identifier, a **postage** storage device, and a digital signature generator.  
One client printer module remote from the PSD 40 requests a **postage**  
payment certificate from the PSD 40 through a local client printer module.  
When a request...

... station, the local client printer module functions as an independent  
meter. The request of the **postage** payment certificate to be printed is  
initiated, and a remote request of the **postage** payment certificate from a  
remote place is received. The local client printer module sends each...

... the PSD 40 and receives the payment certificate from the PSD 40. It  
sends the **postage** payment certificate in accordance with the remote  
request and prints the **postage** payment certificate in accordance with the  
local request.

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2/3,K/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06346870 \*\*Image available\*\*

**POSTAGE METER NETWORK SYSTEM HAVING VIRTUAL METER MODE**

PUB. NO.: 11-288474 [JP 11288474 A]  
PUBLISHED: October 19, 1999 (19991019)  
INVENTOR(s): PIERCE PERRY A  
MALANDRA CHARLES R JR  
APPLICANT(s): PITNEY BOWES INC  
APPL. NO.: 10-378098 [JP 98378098]  
FILED: December 18, 1998 (19981218)  
PRIORITY: 993311 [US 993311], US (United States of America), December  
18, 1997 (19971218)

**POSTAGE METER NETWORK SYSTEM HAVING VIRTUAL METER MODE**



INVENTOR(s): **PIERCE PERRY A**  
**MALANDRA CHARLES R JR**

ABSTRACT

PROBLEM TO BE SOLVED: To print a **postage** stamp while using a network by starting a request for the payment of **postage** from a PSD through an in-station client processor and connecting the client processor to...

... The client PC 20 communicates with a data center 5 and executes the reload of **postage** to the in-station PSD 40.

COPYRIGHT: (C)1999,JPO

2/3,K/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

06346837 \*\*Image available\*\*

SYSTEM AND METHOD FOR **POSTAGE** ON NETWORK

PUB. NO.: 11-288441 [JP 11288441 A]  
PUBLISHED: October 19, 1999 (19991019)  
INVENTOR(s): LEE DAVID K  
**PIERCE PERRY A**  
RILEY DAVID W  
RYAN FREDERICK W JR  
APPLICANT(s): PITNEY BOWES INC  
APPL. NO.: 10-378105 [JP 98378105]  
FILED: December 18, 1998 (19981218)  
PRIORITY: 993352 [US 993352], US (United States of America), December 18, 1997 (19971218)

SYSTEM AND METHOD FOR **POSTAGE** ON NETWORK

INVENTOR(s): LEE DAVID K  
**PIERCE PERRY A**  
RILEY DAVID W  
RYAN FREDERICK W JR

ABSTRACT

PROBLEM TO BE SOLVED: To print a **postage** stamp by requesting the certification of a transaction to a security device through a remote...

... network server 30 and two of these client PC 20 are connected to the respective **postage** security devices(PSD) of the network PC meter system 10. In order to complete the transaction of a **postage** meter, the remote client computer except for each client PC 20 in a station requests the certification of **postage** payment to the PSD. Thus, the **postage** stamp can be printed while using a network.

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2/3,K/7 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014868922 \*\*Image available\*\*  
WPI Acc No: 2002-689628/200274  
XRPX Acc No: N02-543905

Postage **refund request method for prepaid postage meters, involves generating postage indicium containing postage refund data element indicating postage value refund request, for printing on mailpiece**  
Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: **PIERCE P A**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6427139	B1	20020730	US 99476145	A	19991230	200274 B

Priority Applications (No Type Date): US 99476145 A 19991230

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6427139	B1	7	G07B-017/00	

Postage refund request method for prepaid postage meters, involves generating postage indicium containing postage refund data element indicating postage value refund request, for printing on mailpiece  
Inventor: PIERCE P A

Abstract (Basic):

... A postage indicium with its value and a postage refund data element indicating the request for refund of the postage value, is generated. The generated postage indicium is printed on a mailpiece along with a barcode including a data element.

... An INDEPENDENT CLAIM is included for postage refund method...

...For prepaid postage meters...

...The postage refund data element designates the postage indicium as a special postage refund indicium, thereby making the postage indicium flagged for special refund processing by the postal authority  
...

...The figure shows the flowchart illustrating the postage refund process  
...

Title Terms: POSTAGE ;

2/3,K/8 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014615051 \*\*Image available\*\*

WPI Acc No: 2002-435755/200246

XRPX Acc No: N02-343005

Postage security device with cryptographic keys having various key lengths for generating digital signature or tokens using keys to provide level of security

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: PIERCE P A

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200237736	A2	20020510	WO 2001US45765	A	20011101	200246 B
AU 200218011	A	20020515	AU 200218011	A	20011101	200258

Priority Applications (No Type Date): US 2000704860 A 20001102

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200237736	A2 E	23	H04L-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  
AU 200218011 A H04L-000/00 Based on patent WO 200237736

Postage security device with cryptographic keys having various key

lengths for generating digital signature or tokens...  
Inventor: PIERCE P A

Abstract (Basic):

... mail-piece (22), a request is made to the data center (50) for proof of **postage** purchase for the mail-piece and user identification number, full address and amount of **postage** are sent. The data center uses data in a storage (54) to validate the user and sends relevant information to a **postage** security device (60), using a cryptographic key to encrypt this information and to generate a...  
... 2) a **postage** metering system...

...Providing security in **postage** security device...

... **Postage** security device (60...

... **Postage** indicia (24

Title Terms: **POSTAGE** ;

2/3,K/9 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014614664 \*\*Image available\*\*  
WPI Acc No: 2002-435368/200246  
XRPX Acc No: N02-342712

**Payment processing system for conducting payment transaction used in postage metering systems by obtaining payment data via postage metering system and arranging for payment to payee for payment amount**

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: KRAMER A L; PIERCE P A

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200229680	A1	20020411	WO 2001US30978	A	20011004	200246 B
AU 200196553	A	20020415	AU 200196553	A	20011004	200254

Priority Applications (No Type Date): US 2000679801 A 20001005

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200229680 A1 E 30 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200196553 A G06F-017/60 Based on patent WO 200229680

**Payment processing system for conducting payment transaction used in postage metering systems by obtaining payment data via postage metering system and arranging for payment to payee for payment amount**

...Inventor: PIERCE P A

Abstract (Basic):

... A **postage** metering system (10a,b) located remotely from a data center (200). A control system is in communication with the data center and the **postage** metering system. The control system may obtain payment data via the **postage** metering system, which includes a payee, a payment amount and a source of funds for...

... In **postage** metering systems having account reconciliation for **third party** payments...

...Allows the operator to perform additional tasks other than dispensing

**postage** by allowing a user to specify payment data via the **postage** metering system and having a data center dispatch payments accordingly  
...

... **postage** metering system (10a,b  
...Title Terms: **POSTAGE** ;

2/3,K/10 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014614663 \*\*Image available\*\*  
WPI Acc No: 2002-435367/200246  
XRPX Acc No: N02-342711

**Payment processing system for postage metering has data center,**  
**postage metering system and control system**

Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: KRAMER A L; **PIERCE P A**  
Number of Countries: 095 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200229679	A1	20020411	WO 2001US30977	A	20011004	200246 B
AU 200196552	A	20020415	AU 200196552	A	20011004	200254

Priority Applications (No Type Date): US 2000679802 A 20001005

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200229679	A1	E	22	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200196552 A G06F-017/60 Based on patent WO 200229679

**Payment processing system for postage metering has data center,**  
**postage metering system and control system**

...Inventor: **PIERCE P A**

Abstract (Basic):

... The system includes a data center and a **postage** metering system located remotely from the data center. A control system is in communication with the data center and the **postage** metering system. The control system obtains payment data via the **postage** metering system. The payment data includes a payee and a payment amount. Payment is dispatched...

...The control system co-ordinates printing by the **postage** metering system of an indication of the **third party** payment on a mailpiece intended for delivery to the payee.

... For **postage** metering systems...

...Allows operator to perform additional tasks other than dispensing **postage** .

...

...The figure shows a **postage** metering environment...

... **Postage** metering system (10a  
...Title Terms: **POSTAGE** ;

2/3,K/11 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014122538      \*\*Image available\*\*  
WPI Acc No: 2001-606750/200169  
XRPX Acc No: N01-452863

Postage **printing system** e.g. postage meter, locates selected label on label stock using respective label position indicator so as to print postal indicium

Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: **PIERCE P A** ; SHANNON W T  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No      Kind      Date      Applicat No      Kind      Date      Week  
US 6296404      B1      20011002      US 99433481      A      19991104      200169      B

Priority Applications (No Type Date): US 99433481 A 19991104

Patent Details:  
Patent No      Kind      Lan      Pg      Main IPC      Filing Notes  
US 6296404      B1           11      B41J-005/30

Postage **printing system** e.g. postage meter, locates selected label on label stock using respective label position indicator so as to...

Inventor: **PIERCE P A** ...

Abstract (Basic):

...      **Postage** printing system e.g. post perfect **postage** meter for printing a postal indicium and paragon II mail processor...

...The figure shows a simplified representation of **postage** printing system

Title Terms: **POSTAGE** ;

2/3,K/12      (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013940044      \*\*Image available\*\*  
WPI Acc No: 2001-424258/200145  
XRPX Acc No: N01-314657

**Unauthorized document visual detection for providing enhanced security system using print graphic information, involves authorizing generated document, when document correlates to approval field in relationship indicator**

Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: FISCHER M B; GREY S N; **PIERCE P A**  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No      Kind      Date      Applicat No      Kind      Date      Week  
US 6240196      B1      20010529      US 98216345      A      19981218      200145      B

Priority Applications (No Type Date): US 98216345 A 19981218

Patent Details:  
Patent No      Kind      Lan      Pg      Main IPC      Filing Notes  
US 6240196      B1           10      G06K-009/00

...Inventor: **PIERCE P A**

Abstract (Basic):

...      For visually detecting unauthorized print value such as postal indicia on mail piece printed by **postage** metering system, for enhanced security system using modified print graphic information...

2/3,K/13      (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

012865862 \*\*Image available\*\*  
WPI Acc No: 2000-037695/200003  
XRPX Acc No: N00-028362

**Information-based indicia program indium displaying method in postage metering system**

Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: **PIERCE P A** ; ROMANSKY B M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5988897	A	19991123	US 97922875	A	19970903	200003 B

Priority Applications (No Type Date): US 97922875 A 19970903

**Patent Details:**

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5988897	A	7	B41J-005/30	

**Information-based indicia program indium displaying method in postage metering system**

Inventor: **PIERCE P A** ...

**Abstract (Basic):**

... In **postage** metering system...  
...Title Terms: **POSTAGE** ;

**2/3,K/14 (Item 8 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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012639991 \*\*Image available\*\*  
WPI Acc No: 1999-446095/199938  
XRPX Acc No: N99-332860

**Postage metering system includes client PCs coupled to a network server and each postal security device coupled to one PC including an unsecured printer**

Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: LEE D K; **PIERCE P A** ; RILEY D W; RYAN F W  
Number of Countries: 030 Number of Patents: 006  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 927960	A2	19990707	EP 98124249	A	19981218	199938 B
AU 9897179	A	19990708	AU 9897179	A	19981217	199938
CN 1222707	A	19990714	CN 98125394	A	19981218	199946
CA 2256115	A1	19990618	CA 2256115	A	19981216	199949
JP 11288441	A	19991019	JP 98378105	A	19981218	200001
BR 9805457	A	19991116	BR 985457	A	19981218	200012

Priority Applications (No Type Date): US 97993352 A 19971218

**Patent Details:**

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 927960	A2	E 16	G07B-017/02	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 11288441	A	41	G06F-017/60
CA 2256115	A1	E	G07B-017/02
BR 9805457	A		G07B-017/02
AU 9897179	A		G06F-017/60
CN 1222707	A		G06F-019/00

**Postage metering system includes client PCs coupled to a network server and each postal security device...**

...Inventor: **PIERCE P A**

Abstract (Basic):

... a stand-alone PC meter. An INDEPENDENT CLAIM is included for a method of printing **postage** indicia on a mail piece...

...Printing **postage** indicia in network of PCs...

Title Terms: **POSTAGE** ;

**2/3,K/15 (Item 9 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012639990 \*\*Image available\*\*

WPI Acc No: 1999-446094/199938

XRPX Acc No: N99-332859

Postage **metering network system with virtual meter mode**

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: MALANDRA C R; **PIERCE P A**

Number of Countries: 031 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 927958	A2	19990707	EP 98124247	A	19981218	199938	B
AU 9897195	A	19990708	AU 9897195	A	19981218	199938	
CA 2256167	A1	19990618	CA 2256167	A	19981216	199949	
JP 11288474	A	19991019	JP 98378098	A	19981218	200001	
CN 1232234	A	19991020	CN 98122166	A	19981218	200009	
BR 9806686	A	20001003	BR 986686	A	19981218	200053	
US 6151591	A	20001121	US 97993311	A	19971218	200101	

Priority Applications (No Type Date): US 97993311 A 19971218

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 927958 A2 E 18 G07B-017/02

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

AU 9897195 A G06F-017/60

CA 2256167 A1 E G07B-017/02

JP 11288474 A 48 G07B-017/00

CN 1232234 A G07F-017/26

BR 9806686 A G06K-009/62

US 6151591 A G06F-017/00

Postage **metering network system with virtual meter mode**

...Inventor: **PIERCE P A**

Abstract (Basic):

... funds. INDEPENDENT CLAIMS are included for a transaction evidencing system and for a method of **postage** metering...

Title Terms: **POSTAGE** ;

**2/3,K/16 (Item 10 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

012625681 \*\*Image available\*\*

WPI Acc No: 1999-431785/199937

XRPX Acc No: N99-321449

Postage **metering system for printing postage indicia**

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: GRAVELL L A; LEE D K; **PIERCE P A** ; RILEY D W; RYAN F W; GRAVELL L V

Number of Countries: 031 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 927961	A2	19990707	EP 98124251	A	19981218	199937	B
AU 9897175	A	19990708	AU 9897175	A	19981217	199938	
CN 1223413	A	19990721	CN 98125395	A	19981218	199947	
CA 2256178	A1	19990618	CA 2256178	A	19981216	199949	
JP 11296711	A	19991029	JP 98378107	A	19981218	200003	
BR 9805463	A	19991116	BR 985463	A	19981218	200012	
US 6085181	A	20000704	US 97993354	A	19971218	200036	

Priority Applications (No Type Date): US 97993354 A 19971218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 927961	A2	E	18	G07B-017/02	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
AU 9897175	A			G06F-017/60	
CN 1223413	A			G06F-017/60	
CA 2256178	A1	E		G07B-017/02	
JP 11296711	A		46	G07B-017/00	
BR 9805463	A			G07B-017/02	
US 6085181	A			G06F-017/00	

Postage **metering system for printing postage indicia**

...Inventor: **PIERCE P A**

Abstract (Basic):

... Independent claims are included for a transaction evidencing system and for a **postage** metering method...

...Printing **postage** indicia in network of PCs...

Title Terms: **POSTAGE** ;

2/3,K/17 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012625680 \*\*Image available\*\*

WPI Acc No: 1999-431784/199937

XRPX Acc No: N99-321448

Postage **metering system that allows access to another postal security device when postal security device being used reaches fund limitation**

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: GRAVELL L A; LEE D K; **PIERCE P A** ; RILEY D W; RYAN F W; SANCHEZ M E; GRAVELL L V

Number of Countries: 031 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 927959	A2	19990707	EP 98124248	A	19981218	199937	B
AU 9897178	A	19990708	AU 9897178	A	19981217	199938	
CN 1223414	A	19990721	CN 98125519	A	19981218	199947	
CA 2255998	A1	19990618	CA 2255998	A	19981214	199949	
JP 11328464	A	19991130	JP 98378106	A	19981218	200007	
BR 9805464	A	19991116	BR 985464	A	19981218	200012	
US 6098058	A	20000801	US 97993353	A	19971218	200039	

Priority Applications (No Type Date): US 97993353 A 19971218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 927959	A2	E	20	G07B-017/02	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
AU 9897178	A			G06F-017/60	
CN 1223414	A			G06F-019/00	



CA 2255998 A1 E G07B-017/02  
JP 11328464 A 52 G07B-017/00  
BR 9805464 A G07B-017/02  
US 6098058 A G06F-017/00

Postage metering system that allows access to another postal security device when postal security device being...  
...Inventor: PIERCE P A

Abstract (Basic):

... Printing postage indicia in network of PCs...  
Title Terms: POSTAGE ;

2/3,K/18 (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

012625679 \*\*Image available\*\*  
WPI Acc No: 1999-431783/199937  
XRPX Acc No: N99-321447

Postage metering system comprises a network personal computer for printing postage indicia

Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: MALANDRA C R; PIERCE P A  
Number of Countries: 031 Number of Patents: 007  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 927957	A2	19990707	EP 98124246	A	19981218	199937 B
AU 9897194	A	19990708	AU 9897194	A	19981218	199938
CA 2256273	A1	19990618	CA 2256273	A	19981217	199949
CN 1226717	A	19990825	CN 98122154	A	19981218	199952
JP 11316860	A	19991116	JP 98378099	A	19981218	200005
BR 9806685	A	20000905	BR 986685	A	19981218	200048
US 6175826	B1	20010116	US 97993355	A	19971218	200106

Priority Applications (No Type Date): US 97993355 A 19971218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 927957	A2	E	17	G07B-017/02	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

AU 9897194	A			G06F-017/60
CA 2256273	A1	E		G07B-017/02
CN 1226717	A			G06F-019/00
JP 11316860	A		43	G07B-017/00
BR 9806685	A			G07B-017/00
US 6175826	B1			G06F-017/00

Postage metering system comprises a network personal computer for printing postage indicia

...Inventor: PIERCE P A

Abstract (Basic):

... virtual PSD funds. INDEPENDENT CLAIMS are included for a transaction evidencing system and for a postage metering method...

...Printing postage indicia including information from a remote data center...

Title Terms: POSTAGE ;

2/3,K/19 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

012625678      \*\*Image available\*\*

WPI Acc No: 1999-431782/199937

XRPX Acc No: N99-321446

**Removing funds from postal security device**

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: **PIERCE P A** ; RYAN F W; SISSON R W; STROBEL K L

Number of Countries: 031    Number of Patents: 008

**Patent Family:**

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 927956	A2	19990707	EP 98124238	A	19981217	199937    B
AU 9898140	A	19990715	AU 9898140	A	19981222	199939
CA 2256183	A1	19990623	CA 2256183	A	19981215	199951
BR 9805460	A	19991221	BR 985460	A	19981218	200017
JP 2000030102	A	20000128	JP 98378337	A	19981224	200017
US 6058384	A	20000502	US 97996602	A	19971223	200029
CN 1249468	A	20000405	CN 98126066	A	19981223	200034
AU 748959	B	20020613	AU 9898140	A	19981222	200251

Priority Applications (No Type Date): US 97996602 A 19971223

**Patent Details:**

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 927956	A2	E	8	G07B-017/02	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

AU 9898140	A			G06F-017/60
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CA 2256183	A1	E		G07B-017/02
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BR 9805460	A			G07B-017/02
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JP 2000030102	A		21	G07B-017/00
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US 6058384	A			G06F-017/00
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CN 1249468	A			G06F-015/00
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AU 748959	B			G06F-017/60	Previous Publ. patent AU 9898140
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Inventor: **PIERCE P A** ...

**Abstract (Basic):**

...      computer (PC) (12) processes the functions for postal security device (PSD) registration, PSD refill and **postage** dispensing transactions for the PSD (20).

...      to perform metering operations by informing a data center (5) of funds removed from a **postage** meter (10) and the digital signature. If the signature is not verified, the meter is...

... **Postage** meter (10)

**2/3,K/20      (Item 14 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

012581314      \*\*Image available\*\*

WPI Acc No: 1999-387421/199933

XRPX Acc No: N99-290299

**Postage metering system for printing indicia in network of digital processing devices has printer modules, two non-dedicated and coupled to personal computer and four being digital devices e.g. mailing machines**

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: **PIERCE P A**

Number of Countries: 031    Number of Patents: 007

**Patent Family:**

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 927962	A2	19990707	EP 98124252	A	19981218	199933    B
AU 9897176	A	19990708	AU 9897176	A	19981217	199938
CN 1224201	A	19990728	CN 98125393	A	19981218	199948
CA 2256671	A1	19990618	CA 2256671	A	19981217	199949

JP 11328462 A 19991130 JP 98378101 A 19981218 200007  
 BR 9805458 A 19991116 BR 985458 A 19981218 200012  
 US 6202057 B1 20010313 US 97993357 A 19971218 200120

Priority Applications (No Type Date): US 97993357 A 19971218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 927962	A2	E	13	G07B-017/02	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
AU 9897176	A			G06F-017/60	
CN 1224201	A			G06F-017/00	
CA 2256671	A1	E		G07B-017/04	
JP 11328462	A		33	G07B-017/00	
BR 9805458	A			G07B-017/02	
US 6202057	B1			G06F-017/00	

Postage metering system for printing indicia in network of digital processing devices has printer modules, two...

Inventor: PIERCE P A

Abstract (Basic):

... module and, when evidence of postal payment is needed, the printer modules request evidence of **postage** payment directly from the security device, also having an optional module to connect it to...  
 ... Printing **postage** indicia in network of digital processing devices...

...Providing real-time **postage** payment evidence to plurality of printers using single secure metering device...

Title Terms: **POSTAGE** ;

2/3,K/21 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012254499 \*\*Image available\*\*

WPI Acc No: 1999-060606/199905

Related WPI Acc No: 1999-060603; 1999-060604; 1999-060605; 1999-060607; 1999-060736

XRPX Acc No: N99-044994

**Method for selecting appropriate postal rates when evidencing postage payment - stores new rates with effective date in memory store , rates mailpiece for postage evidencing using either stored new or current rates, selected new or current rates based on posting date provided as part of evidencing postage payment**

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: PIERCE P A

Number of Countries: 079 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9857305	A1	19981217	WO 98US12385	A	19980612	199905 B
AU 9882566	A	19981230	AU 9882566	A	19980612	199920
EP 920679	A1	19990609	EP 98932756	A	19980612	199927
			WO 98US12385	A	19980612	

Priority Applications (No Type Date): US 9749518 P 19970613

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9857305	A1	E	23	G07B-017/00	
Designated States (National): AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE					
GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK					
MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU					

MC NL PT SE  
AU 9882566 A Based on patent WO 9857305  
EP 920679 A1 E Based on patent WO 9857305  
Designated States (Regional): DE FR GB

**Method for selecting appropriate postal rates when evidencing postage payment...**

...stores new rates with effective date in memory store , rates mailpiece for postage evidencing using either stored new or current rates, selected new or current rates based on posting date provided as part of evidencing postage payment

Inventor: PIERCE P A

...Abstract (Basic): The method selects appropriate postal rates when evidencing **postage** payment by providing new postal rates to a processor responsible for rating mail. The processor...

...rates are stored with the effective date in the store. A mailpiece is rated for **postage** evidencing using either the new postal rates or current rates stored in the store. The...

...current postal rates is based on a posting date provided as part of the evidencing **postage** payment...

...For rating mail for a postal system and for updating rate information in an open **postage** metering system...

...Title Terms: **POSTAGE** ;

2/3,K/22 (Item 16 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

010782957 \*\*Image available\*\*  
WPI Acc No: 1996-279910/199629  
XRPX Acc No: N96-235385

**Interface appts. for communication between micro-controller of postage meter and external devices - has programmable unit to establish communication link between second ports and main port upon reception of request signal**

Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: HUNTER K D; **PIERCE P A**  
Number of Countries: 005 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 717539	A2	19960619	EP 95119557	A	19951212	199629 B
CA 2164361	A	19960614	CA 2164361	A	19951204	199640
US 5666292	A	19970909	US 94357174	A	19941213	199742
CA 2164361	C	20000425	CA 2164361	A	19951204	200036

Priority Applications (No Type Date): US 94357174 A 19941213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 717539	A2	E	9	H04L-029/06	
Designated States (Regional): DE FR GB					
CA 2164361	A			H04B-001/40	
US 5666292	A		6	G06K-015/00	
CA 2164361	C	E		H04B-001/40	

**Interface appts. for communication between micro-controller of postage meter and external devices...**

...Inventor: PIERCE P A

...Title Terms: **POSTAGE** ;

2/3,K/23 (Item 17 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

010773242 \*\*Image available\*\*  
WPI Acc No: 1996-270195/199628  
XRPX Acc No: N96-227051

**Improved electronic postage meter for accounting for funding and transaction information - has three modes, in first performs transactions generating accounting data stored in memory, in second accesses data in response to security code, in third accesses and initialises memory in response to second security code**

Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: HUNTER K D; **PIERCE P A** ; SHNAYDER I  
Number of Countries: 005 Number of Patents: 006  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 716397	A2	19960612	EP 95119106	A	19951205	199628 B
CA 2164019	A	19960606	CA 2164019	A	19951129	199639
US 5572429	A	19961105	US 94349576	A	19941205	199650
CA 2164019	C	19990914	CA 2164019	A	19951129	200004
EP 716397	B1	20020522	EP 95119106	A	19951205	200241
DE 69526777	E	20020627	DE 626777	A	19951205	200250
			EP 95119106	A	19951205	

Priority Applications (No Type Date): US 94349576 A 19941205

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 716397	A2	E	8	G07B-017/02	
Designated States (Regional): DE FR GB					
CA 2164019	A			G06F-017/60	
US 5572429	A		8	G07B-017/02	
CA 2164019	C	E		G06F-017/60	
EP 716397	B1	E		G07B-017/02	
Designated States (Regional): DE FR GB					
DE 69526777	E			G07B-017/02	Based on patent EP 716397

**Improved electronic postage meter for accounting for funding and transaction information...**

...Inventor: **PIERCE P A**

...Abstract (Basic): USE/ADVANTAGE - Relates to electronic **postage** meter system and its re-initialisation. Unlocks and permits access to meter serial number without...

...times. Allows meter's registers to be returned to zero while unlocked, but allows historical **postage** consumed to be determined at later date

...Title Terms: **POSTAGE** ;

2/3,K/24 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01481806  
POSTAGE SECURITY DEVICE HAVING CRYPTOGRAPHIC KEYS WITH A VARIABLE KEY LENGTH  
DISPOSITIF DE SECURITE D'AFFRANCHISSEMENT POSSEDANT DES CLES CRYPTOGRAPHIQUES A LONGUEUR DE CLE VARIABLE  
PATENT ASSIGNEE:

PITNEY BOWES INC., (244962), One Elmcroft Road, Stamford, CT 06926, (US),  
(Applicant designated States: all)

INVENTOR:

**PIERCE, Perry, A.** , 65 Relihan Road, Darien, CT 06830, (US)

PATENT (CC, No, Kind, Date):

WO 2002037736 020510

APPLICATION (CC, No, Date): EP 2001993080 011101; WO 2001US45765 011101

PRIORITY (CC, No, Date): US 704860 001102

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-001/00

LANGUAGE (Publication,Procedural,Application): English; English; English

POSTAGE SECURITY DEVICE HAVING CRYPTOGRAPHIC KEYS WITH A VARIABLE KEY  
LENGTH

INVENTOR:

PIERCE, Perry, A ...

2/3,K/25 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2002 European Patent Office. All rts. reserv.

01471978

POSTAGE METERING SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY  
PAYMENTS

SYSTEME D'AFFRANCHISSEMENT MECANIQUE OFFRANT UNE FONCTIONNALITE DE  
CONCILIATION DES FONDS POUR LES PAIEMENTS A DES TIERS

PATENT ASSIGNEE:

PITNEY BOWES INC., (244962), One Elmcroft Road, Stamford, CT 06926, (US),  
(Applicant designated States: all)

INVENTOR:

PIERCE, Perry, A. , 65 Relihan Road, Darien, CT 06820, (US)

KRAMER, Allen, L., 6 Round Hill Road, Middletown, CT 06457, (US)

PATENT (CC, No, Kind, Date):

WO 2002029680 020411

APPLICATION (CC, No, Date): EP 2001977434 011004; WO 2001US30978 011004

PRIORITY (CC, No, Date): US 679801 001005

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

LANGUAGE (Publication,Procedural,Application): English; English; English

POSTAGE METERING SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY  
PAYMENTS

INVENTOR:

PIERCE, Perry, A ...

2/3,K/26 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2002 European Patent Office. All rts. reserv.

01471977

POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY

SYSTEME D'AFFRANCHISSEMENT COMPORTANT UNE CAPACITE DE PAIEMENT PAR UN TIERS  
PATENT ASSIGNEE:

Pitney Bowes Inc., (244961), One Elmcroft Road, Stamford, Connecticut  
06826, (US), (Applicant designated States: all)

INVENTOR:

PIERCE, Perry, A. , 65 Relihan Road, Darien, CT 06820, (US)

KRAMER, Allen, L., 6 Round Hill Road, Middletown, CT 06457, (US)

PATENT (CC, No, Kind, Date):

WO 2002029679 020411

APPLICATION (CC, No, Date): EP 2001977433 011004; WO 2001US30977 011004

PRIORITY (CC, No, Date): US 679802 001005

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G06F-017/60  
LANGUAGE (Publication,Procedural,Application): English; English; English

POSTAGE **METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY**

INVENTOR:

**PIERCE, Perry, A ...**

2/3,K/27 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2002 European Patent Office. All rts. reserv.

01048246

Postage **metering system and method for a single vault dispensing postage to a plurality of printers**

**Frankiersystem und Verfahren zur Briefmarkenausgabe aus einem einzigen Tresor zu einer Vielzahl von Druckern**

**Systeme d'affranchissement et procede centralise de distribution de timbres postaux a plusieurs imprimantes**

PATENT ASSIGNEE:

PITNEY BOWES INC., (244957), World Headquarter, One Elmcroft Road,  
Stamford, Connecticut 06926-0700, (US), (Applicant designated States:  
all)

INVENTOR:

**Pierce, Perry A. ,** 11 Raymond Heights, Darien, Connect. 06820, (US

LEGAL REPRESENTATIVE:

HOFFMANN - EITLE (101511), Patent- und Rechtsanwälte Arabellastrasse 4,  
81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 927962 A2 990707 (Basic)  
EP 927962 A3 000927

APPLICATION (CC, No, Date): EP 98124252 981218;

PRIORITY (CC, No, Date): US 993357 971218

DESIGNATED STATES: DE; ES; FR; GB; IT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07B-017/02; G07B-017/04

ABSTRACT WORD COUNT: 148

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9927	799
SPEC A	(English)	9927	4358
Total word count - document A			5157
Total word count - document B			0
Total word count - documents A + B			5157

Postage **metering system and method for a single vault dispensing postage to a plurality of printers**

INVENTOR:

**Pierce, Perry A ...**

...ABSTRACT A2

The present invention provides a **postage** metering system that includes a plurality of closed and open meter printer modules (20, 24...

...store postal value and generate digital signatures. The printer modules (20, 24) function as a **postage** metering network (10) wherein a printer module requests evidence of **postage** payment from the PSD (40) for concluding a **postage** metering transaction. The printer module (20, 24) initiates the **postage** metering transaction in the PSD (40) by sending a request for evidence of **postage** payment to the PSD. The PSD receives the request and sends the evidence of payment...

2. The system of claim 1 wherein said plurality of printer modules are connected...
- ...of printer modules (20, 24) is operable to request, obtain and print said evidence of **postage** payment on the mailpiece before requesting another evidence of **postage** payment for another mailpiece.
4. The system of claim 1, 2 or 3 wherein at least some of the printer modules include printing means dedicated to printing said evidence of **postage** payment.
5. The system of claim 4 wherein the printing means is a mailing machine ...
- ...general purpose processor (20) with an unsecured printer coupled thereto for printing said evidence of **postage** payment.
7. The system of any one of the preceding claims wherein the PSD (40...
- ...one of said plurality of printer modules using said different origin zip code.
11. A **postage** metering system comprising:  
a plurality of closed and open meter printer modules (20, 24) operatively...
- ...digital signatures;  
wherein the printer modules and the PSD are operable to function as a **postage** metering network when one of the printer modules initiates a **postage** metering transaction by requesting evidence of **postage** payment from the PSD (40) for concluding the **postage** metering transaction, the PSD receiving the request, generating the evidence of **postage** payment and sending the evidence of payment to the printer module for subsequent printing.
- 12...
- ...coupled to the network through one of the printer modules.
14. A method for evidencing **postage** payment, the method comprising the steps of:  
connecting a plurality of printer modules (20, 24...
- ...ability to store postal value and generate digital signatures;  
sending a request for evidence of **postage** payment from one of the printer modules to the PSD for concluding a **postage** metering transaction;  
generating at the PSD a digital signature as evidence of **postage** payment in response to the request;  
sending the evidence of **postage** payment to said one of the printer modules; and  
printing the evidence of **postage** payment.
15. The method of claim 14 wherein the plurality of printer modules include dedicated...

2/3,K/28 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01048245

Postage metering system and method for a stand-alone meter operating as a meter server on a network

Frankiersystem und Verfahren für eine eigenständige Frankiermaschine die als Frankierserver in einem Netz wirkt

Système d'affranchissement et procédé pour une machine à affranchir autonome opérant comme serveur de machine à affranchir dans un réseau

PATENT ASSIGNEE:

PITNEY BOWES INC., (244957), World Headquarter, One Elmcroft Road,  
Stamford, Connecticut 06926-0700, (US), (Applicant designated States:  
all)



prints the third evidence of **postage** payment in response to the second remote request.

9. The **postage** metering system of claim 8 wherein said one of the remote client printing means is coupled to a remote PSD (40) which is operable to provide said third evidence of **postage** payment in response to said second remote request.

10. A transaction evidencing system comprising:  
a...

...is operable to determine whether the remote client computers are authorized to request evidence of **postage** payment from the TSD.

14. The system of claim 10, 11 or 12 wherein the...

...of any one of claims 10 to 14 wherein the transaction evidencing device is a **postage** metering system.

16. A method for **postage** metering wherein a **postage** meter has dual modes of operation as a stand-alone meter and as a meter...

...the steps of:  
providing a plurality of client modules on a network;  
coupling a local **postage** security device (PSD) to a first one of said client modules and a remote PSD...

...digital signature means;  
providing means in said first client module for requesting and obtaining first **postage** evidencing from the local PSD;  
providing means in said second client module for requesting and obtaining second **postage** evidencing from the local PSD; and  
providing means in said first client module for receiving...

...the steps of:  
providing means in said first client module for requesting and obtaining third **postage** evidencing from the remote PSD;  
providing means in said second client module for printing on a mailpiece said second **postage** evidencing using second printing means coupled to said second client module; and  
providing means in said first client module for printing on a mailpiece said first **postage** evidencing or said third **postage** evidencing using first printing means coupled to said first client module.

18. The method of...

...client module for selecting one of said local PSD and said remote PSD for obtaining **postage** evidencing; and  
providing means in said second client module for receiving said request for said second **postage** evidencing and means for sending said request for said second **postage** evidencing to said remote PSD.

2/3,K/29 (Item 6 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01048243

Postage metering system and method on a network  
Frankiersystem und Verfahren in einem Netz  
Systeme d'affranchissement et procede dans un reseau  
PATENT ASSIGNEE:

PITNEY BOWES INC., (244957), World Headquarter, One Elmcroft Road,  
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Pierce, Perry A. , 11 Raymond Heights, Darien, CT 06820, (US)  
Riley, David W., 31 Woodland Drive, Easton, CT 06612, (US)  
Ryan, Frederick W. Jr., 4 Naples Lane, Oxford, CT 06478, (US)

LEGAL REPRESENTATIVE:

HOFFMANN - EITLE (101511), Patent- und Rechtsanwälte Arabellastrasse 4,  
81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 927960 A2 990707 (Basic)  
EP 927960 A3 000920

APPLICATION (CC, No, Date): EP 98124249 981218;

PRIORITY (CC, No, Date): US 993352 971218

DESIGNATED STATES: DE; ES; FR; GB; IT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07B-017/02

ABSTRACT WORD COUNT: 197

NOTE:

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LANGUAGE (Publication,Procedural,Application): English; English; English

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CLAIMS A	(English)	9927	773
SPEC A	(English)	9927	5860
Total word count - document A			6633
Total word count - document B			0
Total word count - documents A + B			6633

Postage **metering system and method on a network**

INVENTOR:

... US)

**Pierce, Perry A** ...

...ABSTRACT A2

A **postage** metering system (10) includes a plurality of computers (20) operatively connected as part of a...

...to store postal value and generate digital signatures. The client computers (20) function as a **postage** metering network wherein a client computer other than the local client computer (remote client computer) requests evidence of **postage** payment from the PSD (40) for concluding a **postage** metering transaction. The local client computer functions as a meter server and the remote client computer functions as a meter client on the **postage** metering network. The remote client computer (20) initiates a **postage** metering transaction in the PSD (40) by sending a request for evidence of **postage** payment to the local client computer (20). The local client computer (20) sends the request for the evidence of **postage** payment to the PSD (40), receives transaction information from the PSD and sends the evidence...

SPECIFICATION The present invention relates generally to a **postage** metering system and method for printing **postage** indicia using a personal computer and, more particularly, to a **postage** metering system and method for printing **postage** indicia in a network of personal computers.

The present application is related to the following...

...trusted system proposed by the United States Postal Service ("USPS") to retrofit and augment existing **postage** meters using new technology known as information-based indicia. The program relies on digital signature...

...repudiated and content cannot be modified. IBIP is expected to support new methods of applying **postage** in addition to the current approach, which typically relies on a **postage** meter to mechanically print indicia on mailpieces. IBIP requires printing a large, high density, two...

...PSD") that will provide security services to support the creation of a new "information based" **postage** postmark or indicium that will be applied to mail being processed using IBIP. The INFORMATION...

printing of a **postage** indicium displayed on a personal computer. The user can change the **postage** amount, class of service and date of mailing. These changes are reflected in the indicium...

...remote PSDs in the network. Each Client PC can run its client application to dispense **postage** and initiate registration and refills. As previously stated, Network PC Metering System (10 or 10') processes transactions for dispensing **postage**, PSD registration, and PSD refill on the Client PC 20 where the specific PSD 40...

...Toolkit 110. Meter Server PC 21 processes the functions for PSD registration, PSD refill, and **postage** dispensing as transactions for PSD 41. Processing is performed at Meter Server PC 21 by...

...and to the requesting Client PC 20, and handles standard metering functions, such as dispensing **postage**, PSD refills, and PSD registration, for PSD 41 in the same manner as when in...

...one particular Client PC Meter Toolkit, such as a request or response for evidence of **postage** payment. Upon initialization, the Client PC's PC Meter Toolkit 110 uses the common connection...

...figure 2A, the list of available PSDs is consolidated and presented to applications that require **postage** metering functions. Referring to Figure 2B, the list of available PSDs is consolidated along with locally attached PSDs and the complete list presented to applications that require **postage** metering functions. In this case, the PC Meter Toolkit 110 also sends messages to the...

...pieces and refills. This requires saving transaction records in a sequential transaction log file. Both **postage** dispensing and refills should be kept in the same sequential file such that meter discrepancies ...

...heavy network traffic. If the centralized server is down, or otherwise not available, then no **postage** dispensing or refills can occur, disabling metering capabilities over the entire network. A centralized server...will further be understood that although the embodiments of the present invention are described as **postage** metering systems, the present invention is applicable to any value metering system that includes transaction...

...CLAIMS system of any one of the preceding claims wherein the transaction evidencing system is a **postage** metering system.

13. A method for printing **postage** on a mailpiece using a printer (22) coupled to a personal computer (20) (computer), the...

2/3,K/30 (Item 7 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2002 European Patent Office. All rts. reserv.

01048242

Postage metering system and method for automatic detection of remote postage security devices on a network

Frankiersystem und Verfahren zur automatischen Detektion von ferngesteuerten Frankiersicherheitsvorrichtungen in einem Netz

Systeme d'affranchissement et procede pour la detection automatique des dispositifs de securite d'affranchissement a distance dans un reseau

PATENT ASSIGNEE:

PITNEY BOWES INC., (244957), World Headquarter, One Elmcroft Road, Stamford, Connecticut 06926-0700, (US), (Applicant designated States: all)

INVENTOR:

PSD.

14. The system of claim 12 wherein the PSD determines whether the client printing means is authorized to request **postage** from the PSD.

15. The system of any one of the preceding claims wherein the...

...one of claims 1 to 14 wherein the printing means are meter printers.

17. A **postage** metering system comprising:

a plurality of general purpose computers (20) operatively connected as part of...

...storage means and digital signature means;

means in the client computers for functioning as a **postage** metering network wherein a client computer is operable to request evidence of **postage** payment from a remote PSD for concluding **postage** metering transactions; and

means in each client computer for determining which of the remote PSDs ...said each host computer and the other client computers function as meter clients on the **postage** metering network, wherein transaction information received from the PSD for each transaction request is stored...

...the meter server is operable to determine whether the client computer is authorized to request **postage** from the PSD.

22. The system of claim 20 wherein the PSD is operable to determine whether the client computer is authorized to request **postage** from the PSD.

23. The system of any one of claims 17 to 22 wherein...

...accessing only certain ones of the PSDs.

31. A method for automatic detection of remote **postage** security devices (40) (PSDs) on a network (10) having a plurality of client devices (20)...

2/3,K/31 (Item 8 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2002 European Patent Office. All rts. reserv.

01048241

Postage metering network system with virtual meter mode

Frankiermaschinensystemnetz mit virtueller Frankiermaschinenbetriebsart

Systeme de machines d'affranchissement en reseau avec mode de machine virtuelle

PATENT ASSIGNEE:

PITNEY BOWES INC., (244957), World Headquarter, One Elmcroft Road, Stamford, Connecticut 06926-0700, (US), (Applicant designated States: all)

INVENTOR:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 927958 A2 990707 (Basic)  
EP 927958 A3 000927

APPLICATION (CC, No, Date): EP 98124247 981218;

PRIORITY (CC, No, Date): US 993311 971218

DESIGNATED STATES: DE; ES; FR; GB; IT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07B-017/02

ABSTRACT WORD COUNT: 170

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

evidence of **postage** payment from the data center (5); and  
printing the selected one of the first, second and third evidences of  
**postage** payment on a mailpiece.

2/3,K/32 (Item 9 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01048240

Postage **metering system and method for a stand-alone meter having virtual  
meter functionality**  
Frankiersystem und Verfahren fur eine eigenstandige Frankiermaschine mit  
virtueller Frankiermaschinenfunktionalitat  
Systeme d'affranchissement et procede pour une machine a affranchir  
autonome avec fonctionnalite de machine virtuelle

PATENT ASSIGNEE:

PITNEY BOWES INC., (244957), World Headquarter, One Elmcroft Road,  
Stamford, Connecticut 06926-0700, (US), (Applicant designated States:  
all)

INVENTOR:

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LEGAL REPRESENTATIVE:

HOFFMANN - EITLE (101511), Patent- und Rechtsanwälte Arabellastrasse 4,  
81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 927957 A2 990707 (Basic)  
EP 927957 A3 000927

APPLICATION (CC, No, Date): EP 98124246 981218;

PRIORITY (CC, No, Date): US 993355 971218

DESIGNATED STATES: DE; ES; FR; GB; IT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07B-017/02

ABSTRACT WORD COUNT: 137

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Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

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CLAIMS A	(English)	9927	953
SPEC A	(English)	9927	6028
Total word count - document A			6981
Total word count - document B			0
Total word count - documents A + B			6981

Postage **metering system and method for a stand-alone meter having virtual  
meter functionality**

INVENTOR:

... US)

Pierce, Perry A ...

...ABSTRACT A2

A **postage** metering system includes a host processor (20) having a  
printer (22) coupled thereto. A postal...

...The host processor (20) can request and obtain from the PSD (40) first  
evidence of **postage** payment to be printed by the printer (22). The host  
processor (20) can also request and obtain from a remote data center (5)  
second evidence of **postage** payment to be printed by the printer (22).  
For each metering transaction to be printed...

...host processor (20) initiates the request for one of the first and  
second evidences of **postage** payment. In one embodiment the host

2/3,K/33 (Item 10 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01048239

Method for removing funds from a postal security device  
Verfahren zum Entfernen von Postguthaben von einer  
Frankiersicherheitsvorrichtung  
Procede pour l'elimination de fonds postaux d'un dispositif de securite  
d'affranchissement

PATENT ASSIGNEE:

PITNEY BOWES INC., (244957), World Headquarter, One Elmcroft Road,  
Stamford, Connecticut 06926-0700, (US), (Applicant designated States:  
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INVENTOR:

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Sisson, Robert W., 31 Country Place, Shelton, Connecticut 06484, (US)  
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LEGAL REPRESENTATIVE:

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81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 927956 A2 990707 (Basic)  
EP 927956 A3 000913

APPLICATION (CC, No, Date): EP 98124238 981217;

PRIORITY (CC, No, Date): US 996602 971223

DESIGNATED STATES: DE; ES; FR; GB; IT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07B-017/02

ABSTRACT WORD COUNT: 160

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9927	382
SPEC A	(English)	9927	3137
Total word count - document A			3519
Total word count - document B			0
Total word count - documents A + B			3519

INVENTOR:

Pierce, Perry A ...

...ABSTRACT A2

A method for removing postal funds from a **postage** meter (10) provides  
an accounting unit (20) of a **postage** meter (10) with indicium-related  
information which is invalid for mailing. The accounting unit (20...

...a digital signature, which is an encrypted value of the postal funds  
removed from the **postage** meter (10) and other postal data including the  
indiciu-related information. The accounting unit (20...

...sends to a data center (5) the amount of the postal funds removed from  
the **postage** meter (10) and the digital signature. The data center (5)  
verifies that the digital signature...

SPECIFICATION The present invention relates generally to a method for  
removing funds from a **postage** meter and, more particularly, to such  
method for removing funds from a postal security device...

...trusted system proposed by the United States Postal Service ("USPS") to

...IBIP open metering system 10 uses Host PC 12 and its printer 24 to print **postage** on envelopes at the same time it prints a recipient's address or to print...

...be understood that although the preferred embodiment of the present invention is described as a **postage** metering system, the present invention is applicable to any value metering system that includes transaction...

...floppy drive(s), and memory. PSD 20 is a microprocessor-based secure encryption device for **postage** funds management, signature of postal data and traditional accounting functions. Host PC 12 also includes...

...application programs 32, Host PC 12 processes the functions for PSD registration, PSD refill, and **postage** dispensing transactions for PSD 20. Processing is performed locally by metering software 30 (referred to ...will be understood that although the embodiment of the present invention is described for a **postage** metering system, the present invention is applicable to any value metering system that includes transaction...

CLAIMS 1. A method for removing postal funds from a **postage** meter, the method comprising the steps of:  
providing the accounting unit (20) of a **postage** meter (10) with indicium-related information which is invalid for mailing;  
generating (125) a digital signature, said digital signature being an encrypted value of the postal funds removed from the **postage** meter (10) and other postal data including said indicium-related information;  
sending (125) to a data center (5) the amount of the postal funds removed from the **postage** meter (10) and the digital signature; and  
verifying (130) at the data center (5) that...

...of Claim 1 wherein the data center (5) provides the indicium-related information to the **postage** meter (10).

6. A method for removing funds from a transaction evidencing device, the method...

2/3,K/34 (Item 11 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00987912

Method for preventing stale addresses in an IBIP open metering system  
Verfahren zur Verhinderung von abgelaufenen Adressen in einem IBIP offenen Zahlssystem

Procede pour eviter des adresses perimees dans un systeme IBIP ouvert de dosage

PATENT ASSIGNEE:

PITNEY BOWES INC., (244957), World Headquarter, One Elmcroft Road,  
Stamford, Connecticut 06926-0700, (US), (Applicant designated States:  
all)

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Avery, Stephen John et al (47695), Hoffmann Eitle, Patent- und  
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PATENT (CC, No, Kind, Date): EP 893785 A2 990127 (Basic)  
EP 893785 A3 000816

APPLICATION (CC, No, Date): EP 98113578 980721;

PRIORITY (CC, No, Date): US 897221 970721

DESIGNATED STATES: DE; FR; GB

packages, such as, word processors, contact management software, or accounting...the customer.

In operation, when the user requests the PC meter to print addresses with **postage**, the application supplying addresses indicium generation will scan the selected addresses to ensure that they...

2/3,K/35 (Item 12 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00764390

**External interface unit having message routing and protocol conversion**

**Ausschnittstelle mit Leitweglenkung und Protokollumsetzung**

**Interface externe avec routage de messages et conversion de protocole**

PATENT ASSIGNEE:

PITNEY BOWES, INC., (244953), World Headquarters One Elmcroft, Stamford

Connecticut 06926-0700, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

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LEGAL REPRESENTATIVE:

Avery, Stephen John et al (47695), Hoffmann, Eitle & Partner, Patent- und

Rechtsanwalte, Arabellastrasse 4, 81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 717539 A2 960619 (Basic)

EP 717539 A3 980408

APPLICATION (CC, No, Date): EP 95119557 951212;

PRIORITY (CC, No, Date): US 357174 941213

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04L-029/06; G07B-017/02;

ABSTRACT WORD COUNT: 213

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPAB96	1262
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SPEC A	(English)	EPAB96	3236
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Total word count - document A	4498
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Total word count - document B	0
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Total word count - documents A + B	4498
------------------------------------	------

INVENTOR:

... US)

**Pierce, Perry A** ...

...ABSTRACT has a number of communication ports (14 - 17) for providing a communication interface between a **postage** meter and a plurality of external devices, such as a scale or a modem. A principal communications port (14) is connectable to the **postage** meter. A secure communication port (15) is provided for receiving messages from a secure scale...

...SPECIFICATION capability of communicating with an external device through a communication port and, more particularly, to **postage** meters, and like devices, having a micro control system enclosed in a secure housing wherein...

...a secure communication protocol, such as described in US Patent 4,525,785, entitled Electronic **Postage** Meter Having Plural Computing Systems. An example of unsecured communication is the use of a...

...invention to present an external interface unit (EIU) for providing a communication link between a **postage** meter, and like devices, and one or more external devices.

It is a further object...

...invention to present an EIU for providing a communication link with



protocol conversion between the **postage** meter or like device and one more external devices.

According to a first aspect of...

...expanded communication to a principal unit and specific advantages when used in combination with a **postage** meter. Such other specific advantages ...above, an EIU has been described which provides a communication link with protocol conversion between **postage** meter, or like device, and one or more external units devices wherein the EIU operates...

...standard protocol port, e.g., RS232 port, and the EIU enjoys priority communication with the **postage** meter, again with protocol conversion, if required; and a master mode in which the dedicated...

...the ports is a conventional protocol port which permits communication between the EIU and the **postage** meter. In the preferred embodiment, the protocol utilized is a variation of the standard RS...header and message frame instructs the microcontroller to establish communication between the microcontroller and the **postage** meter through principal port.

Reference is hereby directed to our copending EP-application of even...

...CLAIMS claim wherein said principal port is detachably mounted to a principal device, which maybe a **postage** meter. ...

2/3,K/36 (Item 13 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00762513

A system for recording the initialization and re-initialization of an electronic postage meter

System zum Aufzeichnen der Initialisierung und der Reinitialisierung einer elektronischen Frankiermaschine

Systeme pour l'enregistrement de l'initialisation et la re-initialisation d'une machine a affranchir electronique

PATENT ASSIGNEE:

PITNEY BOWES, INC., (244953), World Headquarters One Elmcroft, Stamford Connecticut 06926-0700, (US), (Proprietor designated states: all)

INVENTOR:

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Shnyder, Ilya, 7 Rockmere Road, Apartment 2, Norwalk, Connect. 06851, (US)

LEGAL REPRESENTATIVE:

Avery, Stephen John et al (47695), Hoffmann Eitle, Patent- und Rechtsanwalte, Arabellastrasse 4, 81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 716397 A2 960612 (Basic)

EP 716397 A3 990929

EP 716397 B1 020522

APPLICATION (CC, No, Date): EP 95119106.951205;

PRIORITY (CC, No, Date): US 349576 941205

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G07B-017/02

ABSTRACT WORD COUNT: 241

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	773
CLAIMS B	(English)	200221	731

historical record of all **postage** dispensed by the **postage** meter since the meter was placed in service, descending registers, which account for **postage** funds available for posting by the meter, a control sum which when combined with the...

...resetting the meter descending registers is described in US Patent 3,792,446, entitled Remote **Postage** Meter Resetting Method, issued to McFiggans et. al. As an additional security measure, the meter...

...returned to zero while unlocked, but doing this in a manner which permits the historical **postage** consumed to be determined at a later date.

According to one aspect of the invention...procedure to the REINIT of the secure memories in accordance with the present invention.

The **postage** meter includes a microprocessor based control system housed within a secure housing. The microprocessor control...

...written and locked to a specific address location in the secure memory, during posting of **postage** dispensed by the meter and during meter recharge. Use of the term "locked" refers to...which can be used to verify the REINIT table records if fraud is suspected.

The **postage** meter (not shown) includes a microprocessor based control system 11 housed within a secure housing...

...is written and locked to a specific address location in the meter, during posting of **postage** dispensed by the meter and during meter recharge. A more detailed description of the state...record of any modification of the registers. If the registers were modified, the amount of **postage** that was fraudulently issued can be determined by observing the "Delta AR" entry, plus the...

...CLAIMS claimed in claim 1 wherein said meter includes printing means (29) for printing of a **postage** indicia representing a transaction.

3. An improved electronic meter for accounting for funding and transaction...

...CLAIMS claimed in Claim 1 wherein said meter includes printing means (29) for printing of a **postage** indicia representing a transaction.

3. An electronic meter for accounting for funding and transaction information...

2/3,K/37 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00903593 \*\*Image available\*\*  
**POSTAGE SECURITY DEVICE HAVING CRYPTOGRAPHIC KEYS WITH A VARIABLE KEY LENGTH**  
**DISPOSITIF DE SECURITE D'AFFRANCHISSEMENT POSSEDANT DES CLES CRYPTOGRAPHIQUES A LONGUEUR DE CLE VARIABLE**  
Patent Applicant/Assignee:  
PITNEY BOWES INC, 1 Elmcroft Road, Stamford, CT 06926, US, US (Residence)  
, US (Nationality)  
Inventor(s):  
**PIERCE Perry A** , 65 Relihan Road, Darien, CT 06830, US  
Legal Representative:  
MEYER Robert E (agent), Pitney Bowes Inc., 35 Waterview Drive, Shelton, CT 06484, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200237736 A2 20020510 (WO 0237736)  
Application: WO 2001US45765 20011101 (PCT/WO US0145765)  
Priority Application: US 2000704860 20001102  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

2/3,K/38 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00896458

POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY  
SYSTEME D'AFFRANCHISSEMENT COMPORTANT UNE CAPACITE DE PAIEMENT PAR UN TIERS

Patent Applicant/Assignee:

PITNEY BOWES INC, 1 Elmcroft Road, Stamford, CT 06926, US, US (Residence)  
, US (Nationality)

Inventor(s):

PIERCE Perry A , 65 Relihan Road, Darien, CT 06820, US,  
KRAMER Allen L, 6 Round Hill Road, Middletown, CT 06457, US

Legal Representative:

MEYER Robert E (agent), Pitney Bowes Inc., 35 Waterview Drive, Shelton,  
CT 06484, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200229679 A1 20020411 (WO 0229679)

Application: WO 2001US30977 20011004 (PCT/WO US0130977)

Priority Application: US 2000679802 20001005

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3067

POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY

Inventor(s):

PIERCE Perry A ...

Fulltext Availability:

Detailed Description

Claims

English Abstract

A payment processing system includes a data center, a **postage** metering system and a control system in operative communication with the data center and the **postage** metering system. The **postage** metering system is located remotely from the data center. The control system obtains payment data via the **postage** metering system where the payment data includes a payee and a payment amount. Further, the...

Detailed Description

... assigned to the assignee of this application.

US Patent Application Number 09/679,801 , entitled **POSTAGE** METERING SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY PAYMENTS.

This application is also related to...

...assigned to the assignee of this application.

1o US Patent Number 6,141,654, entitled **POSTAGE** PRINTING SYSTEM HAVING SUBSIDIZED PRINTING OF THIRD PARTY MESSAGES; US Patent Number 6,154,733, entitled **POSTAGE** PRINTING SYSTEM HAVING VARIABLE SUBSIDIES FOR PRINTING OF THIRD PARTY MESSAGES and US Patent Number...

a **postage** metering system located remotely from the data center; and a control system in operative communication with the data center and the **postage** metering system, the control system for: obtaining payment data via the **postage** metering system, the payment data including a payee and a payment amount; and dispatching payment...

...system of claim 1, wherein:  
the control system is further for:  
coordinating printing by the **postage** metering system of an indication of the third party payment on a mailpiece intended for...

...claim 5, wherein:  
the control system is further for: ,  
collecting payments from a plurality of **postage** metering systems that are directed to the payee before dispatching an aggregated payment to the...

...claim 1, wherein:  
the control system is further for:  
collecting payments from a plurality of **postage** metering systems that are directed to the payee before dispatching an aggregated payment to the...

...of operating a payment processing system, the method comprising the step(s) of:  
locating a **postage** metering system remotely from a data center;  
transmitting payment data via a **postage** metering system to the data center,  
the payment data including a payee and a payment...The method of claim 9, further comprising the step(s) of:  
coordinating printing by the **postage** metering system of an indication of the third party payment on a mailpiece intended for...

...of claim 9, further comprising the step(s) of:  
collecting payments from a plurality of **postage** metering systems that are  
directed to the payee before dispatching an aggregated payment to the...

...data center, the method comprising the step(s) of: establishing a transaction session with a **postage** metering system remotely from the data center;  
receiving payment data via the **postage** metering system, the payment data including a payee and a payment amount; and  
dispatching payment...

...The method of claim 17, further comprising the step(s) of:  
coordinating printing by the **postage** metering system of an indication of the third party payment on a mailpiece intended for...

...of claim 20, further comprising the step(s) of:  
collecting payments from a plurality of **postage** metering systems that are  
directed to the payee before dispatching an aggregated payment to the...

...of claim 17, further comprising the step(s) of:  
collecting payments from a plurality of **postage** metering systems that are  
directed to the payee before dispatching an aggregated payment to the...

2/3,K/39 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00895546 \*\*Image available\*\*

**POSTAGE METERING SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY PAYMENTS**

**SYSTEME D'AFFRANCHISSEMENT MECANIQUE OFFRANT UNE FONCTIONNALITE DE CONCILIATION DES FONDS POUR LES PAIEMENTS A DES TIERS**

Patent Applicant/Assignee:

PITNEY BOWES INC, 1 Elmcroft Road, Stamford, CT 06926, US, US (Residence)  
, US (Nationality)

Inventor(s):

**PIERCE Perry A** , 65 Relihan Road, Darien, CT 06820, US,  
KRAMER Allen L, 6 Round Hill Road, Middletown, CT 06457, US

Legal Representative:

MEYER Robert E (agent), Pitney Bowes Inc., 35 Waterview Drive, Shelton,  
CT 06484, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200229680 A1 20020411 (WO 0229680)

Application: WO 2001US30978 20011004 (PCT/WO US0130978)

Priority Application: US 2000679801 20001005

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4832

**POSTAGE METERING SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY PAYMENTS**

Inventor(s):

**PIERCE Perry A** ...

Fulltext Availability:

Detailed Description

Claims

English Abstract

A payment processing system includes a data center (200), a **postage** metering system (10a, 10b) and a control system (202) in operative communication with the data center (200) and the **postage** metering system (10a, 10b). The **postage** metering system (10a, 10b) is located remotely from the data center (200). The control system (202) obtains payment data via the **postage** metering system (10a, 10b) where the payment data includes a payee (310), a payment amount...

Detailed Description

**POSTAGE METERING SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY PAYMENTS**

Cross Reference to Related Applications

This...

...assigned to the assignee of this application.

US Patent Application Number 09/679,802, entitled **POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY**. This application is also related to the following...

...assigned to the assignee of this application: U.S. Patent Number 6,141,654, entitled **POSTAGE PRINTING SYSTEM HAVING SUBSIDIZED PRINTING OF THIRD PARTY MESSAGES**; U.S. Patent Number 6,154,733, entitled **POSTAGE PRINTING SYSTEM HAVING VARIABLE SUBSIDIES FOR PRINTING OF THIRD PARTY MESSAGES** and U.S. Patent...

18 The method of claim 17, further comprising the step(s) of:  
during...

...designate a recharge  
amount that is at least equal to the payment amount;  
incrementing the **postage** credit by the recharge amount; and  
forwarding a postal payment to the postal authority that...

...The method of claim 15, further comprising the step(s) of:  
coordinating printing by the **postage** metering system of an indication  
of the  
third party payment on a mailpiece intended for...

...of claim 15, further comprising the step(s) of:  
collecting payments from a plurality of **postage** metering systems that  
are  
directed to the payee before arranging for an aggregated payment to...

...of claim 16, further comprising the step(s) of:  
collecting payments from a plurality of **postage** metering systems that  
are  
directed to the payee before arranging for an aggregated payment to...

...of claim 17, further comprising the step(s) of:  
collecting payments from a plurality of **postage** metering systems that  
are  
directed to the payee before arranging for an aggregated payment to...

2/3,K/40 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00466840 \*\*Image available\*\*  
**SYSTEM AND METHOD FOR DYNAMIC SELECTION OF APPROPRIATE POSTAL RATES BASED  
ON METERING DATA**  
**SYSTEME ET PROCEDURE PERMETTANT DE SELECTIONNER DYNAMIQUEMENT LES TARIFS  
POSTAUX APPROPRIES SUR LA BASE DE DONNEES D'AFFRANCHISSEMENT**  
Patent Applicant/Assignee:  
PITNEY BOWES INC,  
PIERCE Perry A,  
Inventor(s):  
**PIERCE Perry A**  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9857305 A1 19981217  
Application: WO 98US12385 19980612 (PCT/WO US9812385)  
Priority Application: US 9749518 19970612  
Designated States: AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW HU  
ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ  
PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW AT BE CH CY DE  
DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 5868  
Inventor(s):  
**PIERCE Perry A ...**  
Fulltext Availability:  
Detailed Description  
Claims

English Abstract  
...10, 20, 30) and method for selecting appropriate postal rates (110,  
115, 120) when evidencing **postage** payment provides new postal rates to  
a computer (20) responsible for rating mail and provides...

4/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01471977

POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY  
SYSTEME D'AFFRANCHISSEMENT COMPORTANT UNE CAPACITE DE PAIEMENT PAR UN TIERS  
PATENT ASSIGNEE:

Pitney Bowes Inc., (244961), One Elmcroft Road, Stamford, Connecticut  
06826, (US), (Applicant designated States: all)

INVENTOR:

PIERCE, Perry, A., 65 Relihan Road, Darien, CT 06820, (US)

KRAMER, Allen, L., 6 Round Hill Road, Middletown, CT 06457, (US)

PATENT (CC, No, Kind, Date):

WO 2002029679 020411

APPLICATION (CC, No, Date): EP 2001977433 011004; WO 2001US30977 011004

PRIORITY (CC, No, Date): US 679802 001005

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

LANGUAGE (Publication,Procedural,Application): English; English; English

POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY

INVENTOR:

... US)

KRAMER, Allen, L ...

4/3,K/2 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00896458

POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY  
SYSTEME D'AFFRANCHISSEMENT COMPORTANT UNE CAPACITE DE PAIEMENT PAR UN TIERS  
Patent Applicant/Assignee:

PITNEY BOWES INC, 1 Elmcroft Road, Stamford, CT 06926, US, US (Residence)  
, US (Nationality)

Inventor(s):

PIERCE Perry A, 65 Relihan Road, Darien, CT 06820, US,

KRAMER Allen L, 6 Round Hill Road, Middletown, CT 06457, US

Legal Representative:

MEYER Robert E (agent), Pitney Bowes Inc., 35 Waterview Drive, Shelton,  
CT 06484, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200229679 A1 20020411 (WO 0229679)

Application: WO 2001US30977 20011004 (PCT/WO US0130977)

Priority Application: US 2000679802 20001005

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3067

POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY

Inventor(s):

... KRAMER Allen L

Fulltext Availability:

## Detailed Description

### Detailed Description

... invention relates generally to postage metering systems. More particularly, this invention is directed to a **postage** metering system having **third party** payment capability that may be selectively activated by an operator.

#### Background of the Invention

Postage...

#### ...Invention

The present invention provides a system and methods for improving the functionality of **postage** metering systems by adding **third party** payment capability to the **postage** metering system. Generally, this is accomplished by allowing a user to specify payment data via...

4/3,K/3 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00895546 \*\*Image available\*\*

**POSTAGE METERING SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY PAYMENTS**

**SYSTEME D'AFFRANCHISSEMENT MECANIQUE OFFRANT UNE FONCTIONNALITE DE CONCILIATION DES FONDS POUR LES PAIEMENTS A DES TIERS**

Patent Applicant/Assignee:

PITNEY BOWES INC, 1 Elmcroft Road, Stamford, CT 06926, US, US (Residence)  
, US (Nationality)

Inventor(s):

PIERCE Perry A, 65 Relihan Road, Darien, CT 06820, US,  
**KRAMER Allen L**, 6 Round Hill Road, Middletown, CT 06457, US

Legal Representative:

MEYER Robert E (agent), Pitney Bowes Inc., 35 Waterview Drive, Shelton, CT 06484, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200229680 A1 20020411 (WO 0229680)

Application: WO 2001US30978 20011004 (PCT/WO US0130978)

Priority Application: US 2000679801 20001005

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4832

Inventor(s):

... **KRAMER Allen L**

Fulltext Availability:

Detailed Description

### Detailed Description

... assigned to the assignee of this application.

US Patent Application Number 09/679,802, entitled **POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY**. This application is also

related to the following patents, all of which were...

...the Invention

The present invention provides a system and methods for improving the



functionality of **postage** metering systems by adding **third party** payment capability to the **postage** metering system. Generally, this is accomplished by allowing a user to specify payment data via...  
?

File 348:EUROPEAN PATENTS 1978-2002/Dec W01

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File 349:PCT FULLTEXT 1979-2002/UB=20021205,UT=20021128

(c) 2002 WIPO/Univentio

?ds

Set	Items	Description
S1	697317	REVENUE? OR PAYMENT? OR FUND OR FUNDS OR VALUE? OR VALUATI- ON? OR FEE OR FEES OR CHARGE? OR DISBURS? OR BILL OR BILLING? OR ALLOCATION?
S2	15412	STAMP? ? OR (POSTAGE OR POSTAL) () (METER? OR STAMP? OR PRIN- T? OR INDICIA) OR DIGITAL()SIGNATURE?
S3	91975	MAIL()PIECE? OR MAILPIECE? OR ENVELOPE? OR MAILING?
S4	4240	S1(S)S2
S5	505	S4(S)S3
S6	17	S5(S)(THIRD() (PARTY OR PARTIES))

6/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00754944

**Mail processing system with unique mailpiece authorization assigned in advance of mailpieces entering carrier service mail processing stream**  
**Postverarbeitungs-system mit eindeutiger Poststuckautorisierung, die vor dem Eintritt eines Poststucks in den Bearbeitungsstrom eines Posttransportdienstes zugeordnet wird**  
**Systeme de traitement de courrier dans lequel les envois postaux recoivent une autorisation univoque avant d'entrer dans la chaine de traitement d'un service de transport du courrier**

PATENT ASSIGNEE:

PITNEY BOWES INC., (244955), World Headquarters One Elmcroft, Stamford Connecticut 06926-0700, (US), (Proprietor designated states: all)

INVENTOR:

Pintsov, Leon A., 365 Mountain Road, West Hartford, CT 06107, (US)

Cordery, Robert A., 11 1/2 Jeanette Street, Danbury, CT 06811, (US)

LEGAL REPRESENTATIVE:

Avery, Stephen John et al (47695), Hoffmann Eitle, Patent- und

Rechtsanwalte, Arabellastrasse 4, 81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 710930 A2 960508 (Basic)

EP 710930 A3 970326

EP 710930 B1 020612

APPLICATION (CC, No, Date): EP 95115638 951004;

PRIORITY (CC, No, Date): US 317515 941004

DESIGNATED STATES: DE; DK; ES; FR; GB; IE; IT; NL; SE

INTERNATIONAL PATENT CLASS: G07B-017/00; B07C-003/18

ABSTRACT WORD COUNT: 332

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	663
CLAIMS B	(English)	200224	605
CLAIMS B	(German)	200224	560
CLAIMS B	(French)	200224	651
SPEC A	(English)	EPAB96	7053
SPEC B	(English)	200224	7137
Total word count - document A			7717
Total word count - document B			8953
Total word count - documents A + B			16670

...SPECIFICATION file further includes the total postage 318 charged to the mailer as well as the **digital signature** 320 of the carrier or trusted **third party**.

Reference is now made to FIGURE 4 which is the mail processing file shown generally...

...SPECIFICATION file further includes the total postage 318 charged to the mailer as well as the **digital signature** 320 of the carrier or trusted **third party**.

Reference is now made to FIGURE 4 which is the mail processing file shown generally...

6/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00251961

**Insertion machine with audit trail and command protocol.**

Einfugungsmaschine mit Betriebszustandsnachspur und Steuerprotokoll.  
Machine d'insertion avec piste d'audit et protocole de commande.

PATENT ASSIGNEE:

Bell & Howell Company, (821270), 795 Roble Road P.O. Box 7950, Allentown  
Pennsylvania 18001-7950, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Muschlitz, Bruce A., 1641 Hastings Road, Bethlehem, PA 18017, (US)  
Scullion, Christopher K., 217 East Union Boulevard, Bethlehem, PA 18018,  
(US)

LEGAL REPRESENTATIVE:

Dorner, Jorg, Dr.-Ing. et al (3033), Patent- und Rechtsanwaltsburo  
KUHNER, WACKER & PARTNER Alois-Steinecker-Str. 22, D-85354 Freising,  
(DE)

PATENT (CC, No, Kind, Date): EP 258495 A2 880309 (Basic)  
EP 258495 A3 891025  
EP 258495 B1 941026

APPLICATION (CC, No, Date): EP 86118147 861230;

PRIORITY (CC, No, Date): US 837625 860310

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/21;

ABSTRACT WORD COUNT: 289

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	4482
CLAIMS B	(German)	EPBBF1	4076
CLAIMS B	(French)	EPBBF1	5344
SPEC B	(English)	EPBBF1	27727
Total word count - document A			0
Total word count - document B			41629
Total word count - documents A + B			41629

...SPECIFICATION 244 count for respective time bases the number of  
documents fed from the charge back **third party** advertising station  
which cause the groups with which the documents become associated to  
increase in...

6/3,K/3 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00926558

PAYMENT INSTRUMENT AUTHORIZATION TECHNIQUE  
PROCEDE D'AUTORISATION POUR INSTRUMENT DE PAIEMENT

Patent Applicant/Assignee:

CDCK FRANCE, 23 Rue Jean de Riouffe NICASTRI, F-06400 Cannes, FR, FR  
(Residence), FR (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

LAAGE Dominic P, 3145 Geary Boulevard, Suite 28, San Francisco, CA  
94118-3316, US, US (Residence), US (Nationality), (Designated only for:  
US)

LAAGE Maria T, 3145 Geary Boulevard, Suite 28, San Francisco, CA  
94118-3316, US, US (Residence), US (Nationality), (Designated only for:  
US)

Legal Representative:

BUREAU D A CASALONGA JOSSE (agent), Morassistrasse 8, 80469 Munich, DE,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200259848 A2 20020801 (WO 0259848)  
Application: WO 2002EP572 20020122 (PCT/WO EP0200572)  
Priority Application: US 2001263818 20010124; US 2001791387 20010223  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

· RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13470

Fulltext Availability:

Detailed Description

Detailed Description

... Registration is done through an interface application that can be accessed via the main trusted **third party** 's portal application. The trusted **third party** 's portal preferably will contain a user registration interface, user administrative interfacef list of affiliated...

...his/her user

id and password via the wallet application, For this "server-based" wallet, **payment** instrument data, shipping addresses and **billing** addresses are stored in the central server, **Payment** instrument information will be stored in an encrypted fashion, In this server-based wallet version...

...database. If there is a match, the customer is authenticated. The server then decrypts the **payment** instrument information and sends back this data and other data pertaining to **billing** addresses and shipping addresses to the wallet application. The auto-fill and drag-and-drop...

...that a confirmation notice with a unique id will be issued and mailed to the **mailing** address directly associated and officially referred to by and existing account with an Issuing Card...

6/3,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00896458

**POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY**

**SYSTEME D'AFFRANCHISSEMENT COMPORTANT UNE CAPACITE DE PAIEMENT PAR UN TIERS**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200229679 A1 20020411 (WO 0229679)

Application: WO 2001US30977 20011004 (PCT/WO US0130977)

Priority Application: US 2000679802 20001005

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3067

Fulltext Availability:

Claims

Claim

... the invention, and

Detailed Description of the Preferred Embodiments

Referring to Fig. 1, examples of **postage metering** systems 1 Oa and 1 Ob for printing postage on a **mailpiece** 20 are shown. A **postage metering** system 1 Oa is indicative of one example of a virtual **postage metering** environment (typically referred to in the industry as an open system), such as the ClickStampo Online **postage metering** system available from Pitney Bowes Inc., Stamford, Connecticut, USA in which the present invention may be incorporated. Generally, the **postage metering** system 1 Oa includes personal computer 150 (personal computer, WO 02/29679 PCT/USOI/30977

5

180, such as the DM300TM **postage metering** system available from Pitney Bowes Inc. is a device that is capable of operation without connection to the data center 200. Generally, together the **postage metering** systems 1 Oa and 1 Ob and the data center constitute a **payment processing** system as described in greater detail below. Since the **postage metering** systems 1 Oa and 1 Ob are well known in the art, there descriptions will...

...is necessary for an understanding of the present invention. Generally, it is anticipated that the **postage metering** system 1 Oa or 1 Ob are remote terminal type of devices that would be...

...obtaining and printing postage. The data center 200 is maintained and operated by an authorized **postage meter** manufacturer or some other authorized agency. Those skilled in the art will recognize that not every **postage metering** system 1 Oa and 1 Ob needs to utilize the same network 110...

...such as: telephone lines, public and private network systems (Internet) or the like; with the **postage metering** systems 1 Oa and 1 Ob. The data center 200 may be based on any...

...ID, user address, account balance, preferred postage account recharge options (direct credit card authorization, electronic **funds** transfer, etc.), and the like, that have been established with the **postage meter** manufacturer. As is well known, **postage metering** systems 1 Oa and 1 Ob in the United States are debit based accounting devices. In other words, postage is drawn from **funds** that the user has already placed into an account. The payee database 206 contains information...

...routing ID, payee bank account ID, and the like, that has been provided to the **postage meter** manufacturer by the users or the individual payees. The accounting module 208 accurately records, tracks...

...direction. Referring to Fig. 4a in view of Figs. 1, 2 and 3, a first **mailpiece** (standard **envelope**, post card, business return **envelope**, label, etc.) 20a that has been processed by a **postage metering** system 1 Oa or 1 Ob is shown. As is known in the art, the first **mail piece** 20a includes a **postal indicia** 30, a sender address 40 and a recipient address 50 printed thereon. Additionally, the first **mail piece** 20a includes an indication 70a of a **third party payment**. In this example, the indication 70a represents a donation of \$0.10 that has

6/3,K/5 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00895546 \*\*Image available\*\*

**POSTAGE METERING SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY PAYMENTS**

**SYSTEME D'AFFRANCHISSEMENT MECANIQUE OFFRANT UNE FONCTIONNALITE DE CONCILIATION DES FONDS POUR LES PAIEMENTS A DES TIERS**

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CT 06484, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200229680 A1 20020411 (WO 0229680)

Application: WO 2001US30978 20011004 (PCT/WO US0130978)

Priority Application: US 2000679801 20001005

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CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Publication Language: English

Filing Language: English

Fulltext Word Count: 4832

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... assigned to the assignee of this application.

US Patent Application Number 09/679,802, entitled **POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY**. This application is also related to the following patents, all of which were filed...

...assigned to the assignee of this application: U.S. Patent Number 6,141,654, entitled **POSTAGE PRINTING SYSTEM HAVING SUBSIDIZED PRINTING OF THIRD PARTY MESSAGES**; U.S. Patent Number 6,154,733, entitled

**POSTAGE PRINTING SYSTEM HAVING VARIABLE SUBSIDIES FOR PRINTING OF THIRD PARTY MESSAGES** and U.S. Patent Number 6,173,274, entitled **PRODUCTION MAIL SYSTEM HAVING SUBSIDIES FOR PR, INTING OF THIRD PARTY MESSAGES ON MAILPIECES**, all of which are specifically incorporated herein by reference.

Field of the Invention

This invention...

...postage metering system having account reconciliation for third party payments.

to dispatch the **payment** amount.

20 The method of claim 15, further comprising the step(s) of:  
collecting payments...

6/3,K/6 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00872937 \*\*Image available\*\*

#### A CARD SYSTEM

#### SYSTEME A CARTES

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(Residence), AU (Nationality), (For all designated states except: US)

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200207071 A1 20020124 (WO 0207071)

Application: WO 2001AU847 20010713 (PCT/WO AU0100847)

Priority Application: AU 20008776 20000713

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CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 45687

Fulltext Availability:

Claims

#### Claim

... package provides the following functionality:

(i) Data encryption and decryption;

(ii) Message digest generation;

(iii) **Digital signature** generation and verification;

(iv) Message Authentication Code generation and verification;

Each use case contained in...

...potentially damaging, plain-text message. The proper use of message digests, message authentication codes, or **digital signatures** are used in conjunction with encryption if data integrity and authenticity is required in addition...

...and falsely submitting the message at a later date. MASS uses techniques such as time **stamps** and sequence numbers to limit the timeliness of messages in the system and prevent replay...

...share the same message digest. Message digests are used to generate message authentication codes and **digital signatures**.

#### DIGITAL SIGNATURE GENERATION AND VERIFICATION

The concept of a **digital signature** provides a level of assuredness of



the integrity and the I O authenticity of an...

...implies that the origin, or creator, of the message can be ascertained. The use of **digital signatures** limits the modification and injection of data messages within the system. **Digital signatures** also have a validity period associated with them that limits the replay of captured data messages outside of these 5 bounds. **Digital signatures** in addition prevents the repudiation (denial of creation) of a data message created by an entity within the system. **Digital signatures** are implemented in MASS by the use of asymmetric cryptography. The creator of the **digital signature** signs the data message using the private key of an asymmetric key pair. The private key is created by and known only to the signer. The verifier of a **digital signature** uses the public key component of an asymmetric key pair to ensure that the attributed...

...did actually create the message. In order for a verifier to have confidence in a **digital signature**, the public key component is distributed in a trusted manner. The sub-package Certificate Management ...

...ensure the privacy of the public key component within the system, but ensures its integrity. **Digital signatures** are relatively slow to create and are large in size compared to Message Authentication Codes... distribution of public keys between two Key Managers in the system uses a mutually trusted **third party** known as a Certification Authority. The Certification Authority produces a security key certificate for each...

...CA to have an associated certificate generated. When another Key Manager needs to verify a **digital signature** using the public-key component, the public-key is first be verified to be authentic...1 0 process of ensuring the correctness of the configuration data before generating an associated **digital signature**. Verification is the process of ensuring on receiving new Configuration Data, that the CD item matches its associated **digital signature**.

DATA SECURITY MODULE MANAGEMENT

1 5 This sub-package contains use cases that provide support...

...describe the roles of these role entities.

THE SERVICE MANAGER

The Service Manager is in **charge** of managing Services on its Processor. This role entails:

(i) starting auto-startable services at...in transmitting transactions, each transaction destined for the same PSS topic is packed into an **envelope** so a group of transactions can be transmitted in a single batch. In order to...responsible for:

1 0 (a) Registering with the communications Publish-Subscribe System (PSS) to receive **envelopes** of transactions on a particular topic. (b) Receiving **envelopes** of transactions from PSS, unpacking the transactions from the **envelopes**, and performing simple validation. (c) Passing transactions on to the Transaction Router.

1 5

The...

...point for every transaction to be processed. It receives a block of transactions in an **envelope** from PSS. It unpacks each transaction from the **envelope**, performs some initial validation, calls a translate( operation (which can be customised to convert raw...

6/3,K/7 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00867354 \*\*Image available\*\*

SYSTEM FOR CARD ACTIVITY-BASED MORTGAGE CREDITING

SYSTEME DE PRETS HYPOTHECAIRES DEPENDANT DES OPERATIONS DE CARTE DE CREDIT

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200201479 A1 20020103 (WO 0201479)

Application: WO 2000US35341 20001222 (PCT/WO US0035341)

Priority Application: US 2000604696 20000626; US 2000669196 20000925

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 23099

Fulltext Availability:

Claims

Claim

... processors, database engines, etc.

4 Mortgagor and Mortgage Data (6)

Mortgagor & Mortgage Data (6) represents **third - party** data sent via  
Electronic File Transfer (EFT) and a TCP/IP network communications system  
(5...

...provisioners. Interaction with mortgage provisioners is necessarily to  
enable the invention @ Le., to facilitate the **payment** of credits (see  
Fig. 16), and also to compute a **valuation** of a mortgage-based security  
in response to indicia of said crediting. Mortgages serviced by...

...Fig. 5) shows how credit or other card transaction activity is typically  
managed through a **third party** and transmitted to the invention, where  
appropriate credits are determined and issued.

0 8 C...

6/3,K/8 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00845686 \*\*Image available\*\*

**FLUORESCENT STRIPE WINDOW ENVELOPES**

**ENVELOPPES A FENETRE A BANDES FLUORESCENTES**

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92656, US, US (Residence), US (Nationality), (Designated only for: US)

BUSSELL Keith, 2607 S. Sepulveda Bl. #103, Los Angeles, CA 90064, US, US

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200178999 A1 20011025 (WO 0178999)

Application: WO 2001US12397 20010416 (PCT/WO US0112397)  
Priority Application: US 2000197798 20000414; US 2001811006 20010316  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 5513

Fulltext Availability:  
Detailed Description

Detailed Description

... PC Postage, a user will subscribe to a third party Internet postage provider, such as **Stamps .com** (of Santa Monica, California), and by using postage software made available by the Internet postage provider, postage **value** can be downloaded to the user's computer. The user can then print the **postage indicia**, by an ordinary laser or inkjet printer, directly onto the **mail piece** itself (e.g. onto business **envelopes**), onto a label to be applied to the **mail piece**, or alternately on an insert that can be placed into window **envelope** and show through a window **envelope**. This postage software preferably works in conjunction with other software programs, such as word processing...

...same time that addressee and bar code information is printed (and in the case of **envelope** printing also the sender's return address.) In order to permit the sophisticated mail handling and...

...USPS to properly interpret the PC Postage and addressee information, it is critical that the **postage indicia** be presented in a relatively precise location on a mailpiece. Indeed, the USPS has established strict guidelines directed to the margins, label sizes, and placement of the **Postage Indicia**, and the size, placement, and other characteristics of the POSTNET (POSTal Numeric Encoding technique) bar codes, and any facing identification mark (FIM) on **mail pieces**. These guidelines are contained in I the Domestic Mail Manual (DMM) and Title 39, Code...

6/3,K/9 (Item 7 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00828062 \*\*Image available\*\*  
**WORKERS' COMPENSATION INFORMATION PROCESSING SYSTEM**  
**SYSTEME DE TRAITEMENT D'INFORMATIONS RELATIVES A L'INDEMNISATION POUR**  
**ACCIDENT DE TRAVAIL**  
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states except: US)  
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1404, Alexandria, VA 22313-1404, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200161608 A1 20010823 (WO 0161608)

Application: WO 2001US5138 20010216 (PCT/WO US0105138)  
Priority Application: US 2000506432 20000217  
Parent Application/Grant:  
Related by Continuation to: US 2000506432 20000217 (CON)  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 7367

Fulltext Availability:  
Claims

#### Claim

... 8 Electronic Bill Submission: This is a part of the overall business process.

9 Electronic **Fund** Transfer System: Once the **bill** has been processed and authorization is obtained from both sides, the bills can be paid...

...Compensation claim number.

Additionally, In one embodiment, the Workers' Compensation software includes medical report and **billing** software which automatically makes inquiry as to the Workers' Compensation claim number and inserts the claim number whenever a report or **bill** is to be transmitted. The advantage of the system of the present invention for the...

...with a variety of different payers. The system of the present invention speeds up the **payment** of bills to the provider, thus providing an advantage to the provider. The payer computer...

...system can be batched in some circumstances, For example, for large-scale providers such as **billing** services, it makes sense to batch all inquiries until nighttime.  
The Workers' Compensation claim verification...

...given medical treatment report should be sent to a human case manager or whether the **bill** should be automatically processed. The criteria used by the electronic report filtering system 76 is...sent to the case manager for human review. Other reports are automatically sent to a **payment** department for **payment**. Fig. 11 is a diagram that illustrates an attachment system of the present invention...

...files have the disadvantage that it can be difficult to match the attachments with the **bill**. For example, consider the case of an X-Ray or magnetic resonance imaging (MRI) attachment...

...and maintain the attachment of the file to another electronic file such as an electronic **bill**. In the example of Fig. 11, the renaming software produces a renamed file title...

...allow the attachment of the attachment file to a main file such as an electronic **bill**. Other data, such as data from the **bill** or other reports, accessible by the renaming software, can also be put into some of...

...manner. The data in the fields is sufficient to identify the attachment file to a **bill**. In one embodiment, many of the fields are useful to

E-mail as shown in Fig. 9D...

...dynamically created response form allows the payer to input information concerning the status of the **bill**. In an alternate embodiment, the system can automatically search the payer computer database to determine the status of the **bill**. Once the payer inputs a response, a response E-mail is automatically created and sent...

6/3,K/10 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00816901 \*\*Image available\*\*

TARGET ADVERTISING FOR AN ELECTRONIC TRANSACTION USING A TRANSACTION  
PROCESSING CENTER  
ANNONCE PUBLICITAIRE CIBLE POUR TRANSACTION ELECTRONIQUE A L'AIDE D'UN  
CENTRE DE TRAITEMENT TRANSACTIONNEL

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200150445 A1 20010712 (WO 0150445)  
Application: WO 2000US34759 20001221 (PCT/WO US0034759)  
Priority Application: US 99475884 19991230

Designated States: AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CR CU CZ DM DZ  
EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 7578

Fulltext Availability:  
Detailed Description

Detailed Description  
... 109.

Additionally, U.S. Patent No. 4,831,554 teaches a system that allows the **postage meter** manufacturer to broker the use of advertising space by **third parties** on the **envelopes**. In concept, a **third party** advertiser may wish to take advantage of the space on the outgoing **envelopes** from a particular **postage meter** user to advertise its own products and/or services. In this system, a message, the content of which originates from a **third party**, is stored electronically within the **postage meter**. The **postage meter** keeps a count of the number of times that the message is printed in conjunction...

...This count is then used by the data center to provide a subsidy to the **postage meter** user during a subsequent **billing** cycle and is correspondingly used by the data center to invoice the **third party** advertiser.

Although this brokering system in U.S. Patent No. 4,831,554 represents a  
...

6/3,K/11 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00803948 \*\*Image available\*\*

METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS  
AND CONSUMERS

PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES  
VENDEURS ET DES CONSOMMATEURS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200137540 A2-A3 20010525 (WO 0137540)

Application: WO 2000US31757 20001117 (PCT/WO US0031757)

Priority Application: US 99441973 19991117; US 99447121 19991122; US  
99465859 19991217; US 2000483105 20000114; US 2000599690 20000622; US  
2000641908 20000818; US 2000695744 20001024

Parent Application/Grant:

Related by Continuation to: US 99441973 19991117 (CIP); US 99447121  
19991122 (CIP); US 99465859 19991217 (CIP); US 2000483105 20000114  
(CIP); US 2000599690 20000622 (CIP); US 2000641908 20000818 (CIP); US  
2000695744 20001024 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 116871

Fulltext Availability:

Claims

Claim

... so that, upon transmission, no copies of transmitted e-mail envelope  
will be sent to **third parties** (e.g. retailers and/or manufacturers),  
thereby providing the customer with a greater sense of...

...in Figs. 3A9 and 3A10 is to receive a carbon copy of each e-mail  
**envelope** sent from a retailer kiosk within the system of the present  
invention, to the e...function. Each time a pair of eyes is detected,  
data indicative thereof (including the time **stamp**) can be stored within  
long-term memory (e.g. written to a hard disc storage...the store, and  
how the program should be modified to increase sales. All sorts of **value**  
information can be collected by the intelligent Web-based product  
promotion kiosks of the present...

6/3,K/12 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00803637 \*\*Image available\*\*

**ELECTROMAGNETIC POSTAL INDICIA AND METHOD OF APPLYING SAME**  
**EMPREINTE D'AFFRANCHISSEMENT ELECTROMAGNETIQUE ET PROCEDE D'APPLICATION**

Patent Applicant/Assignee:

UNITED STATES POSTAL SERVICE, 475 L'Enfant Plaza, S.W., Washington, DC  
20260-2444, US, US (Residence), US (Nationality)

Inventor(s):

GORDON Roy R, 169 Sharpstead Lane, Gathersburgh, MD 20878, US,  
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LORD Dan J, 5108 King Henry Way, Upper Marlboro, MD 20772, US,

Legal Representative:

MAKEEVER Jeffery J (et al) (agent), Leydig, Voit & Mayer, Ltd., Suite  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200137203 A1 20010525 (WO 0137203)

Application: WO 2000US42212 20001116 (PCT/WO US0042212)

Priority Application: US 99165698 19991116

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4823

Fulltext Availability:

Detailed Description

Detailed Description

... to enhance the visual impact

of the mailpiece in much the same way that designer **postage stamps** do currently. However, unlike current **postage stamps**, the images which may be printed on these electromagnetically recordable media 14 may be customized to a particular business or individual through **third - party** vendors since the application of postage **value** to this layer 14 is preferably not added until the time of posting the **mailpiece**. In the latter, the layer 14 may have a blank surface onto which a business...

6/3,K/13 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00778033 \*\*Image available\*\*

**POSTAGE METER THAT PRINTS BOTH EVIDENCE OF POSTAGE AND INFORMATION ABOUT THE SENDER**

**MACHINE A AFFRANCHIR IMPRIMANT UN TEMOIGNAGE D'AFFRANCHISSEMENT ET DES INFORMATIONS RELATIVES A L'EXPEDITEUR**

Patent Applicant/Assignee:

PITNEY BOWES INC, One Elmcroft Road, Stamford, CT 06926, US, US  
(Residence), &mdash; (Nationality)

Inventor(s):

CRITELLI Michael J, 8 Shields Road, Darien, CT 06820, US

Legal Representative:

MEYER Robert E, Pitney Bowes Inc., Intellectual Property & Technology  
Law, 35 Waterview Drive, P.O. Box 3000, Shelton, CT 06484-8000, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200111573 A1 20010215 (WO 0111573)  
Application: WO 2000US21613 20000809 (PCT/WO US0021613)  
Priority Application: US 99372254 19990811  
Designated States: AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CR CU CZ DM DZ  
EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 4818

Fulltext Availability:  
Detailed Description

#### Detailed Description

... postage meter that provides on a mailpiece evidence of postage paid together with cryptographically secured, **third party** certified, non-shipping information about the sender of the **mailpiece** .

#### BACKGROUND OF THE INVENTION

In today's environment organizations often solicit business by sending information...functionality such that a repeat description is not considered warranted in connection with Figure 7.

**Postage meter** 400 includes a RF power source 458 for providing energy to circuit 300 when source...

...frequency source 454 is provided for transmitting both the standard IBIP indicium data and the **third @ party** certificates to controller 40 via sensor 32. A receiver 456 receives information from controller 40 via transmitter 30. Accordingly, when a sender desires to mail a **mailpiece** , the **mailpiece** 1 1 with the electronic circuit 300 attached thereto is placed in close proximity to...

...300. The user then via keyboard 212 enters the desired postage amount and the selected **third party** certificates that are to be included in the indicium 18. The CPU 202 generates the proof of postage **payment** including the postage verification data in a conventional manner and sends that data together with the selected stored **third party** certificate data to the sensor 32 in an RF form via RF source 454. A recipient of the **mailpiece** 1 1 places the **mailpiece** 1 1 in close proximity to their **postage meter** 400 allowing the electronic circuit 300 to be powered up so that the **third party** certificate data in the electronic circuit can be transmitted via the transmitter 30 to the...

6/3,K/14 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00764274 \*\*Image available\*\*

#### METHOD AND APPARATUS FOR FACILITATING ANONYMOUS TRANSACTIONS PROCEDE ET APPAREIL PERMETTANT DE FAVORISER DES TRANSACTIONS ANONYMES

Patent Applicant/Inventor:

SINGHAL Tara Chand, P.O. Box 5075, Torrance, CA 90510, US, US (Residence)  
, US (Nationality)

Legal Representative:

ROEDER Steven G, The Law Office of Steven G. Roeder, 5560 Chelsea Avenue,  
La Jolla, CA 92037, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200077701 A1 20001221 (WO 0077701)  
Application: WO 2000US15786 20000608 (PCT/WO US0015786)  
Priority Application: US 99139101 19990612; US 99144737 19990721; US  
2000531705 20000320



...Total 75.00

1328

Merchant1Customw Id: YYYY-MM-DD-PC-ZIPCODE-FML@SSSS-SCODE

1330 **Payment** Reference: YY24972534782

1332 Momhant Enter1Select Order Fullfillment Status: 1334

ORDER ORDER ORDER PICKUP SHIPPER ID...

...stock status from the

merchant interface 16. 1518

Privacy system 12 prepares a customer uniform **bill** of sale. 1520

Privacy system 12 sends the customer uniform **bill** of sale to the customer 20 via the customer interface 14. 1522

Customer 20 reviews the customer uniform **bill** of sale and makes chaOM- if ne=p[y. 1524

Customer 20 initiates a purchase transaction by indicating to the privacy system 12 the desired method of **payment** for this Vrivacy System transaction. 1526

Operation Flow

Continued Privacy system 12 receives the customer order in the form of this customer uniform **bill** of sale, and initiates a transaction history file and posts the order. 1528

Privacy system 12 sends information to the **fund** institution to process the **payment** of the customer 20. 1530

**Fund** instMon determines if the custornr 20 has

FIGURE 15 ...system 12 creates a unique merchant/customer identifier. 1534

Privacy system 12 generates a merchant **bill** of sale. 1536

Privacy system sends the merchant **bill** of sale to the merchant interface 16. Importantly, the privacy **funds** 34 are provided in the merchant **bill** of sale. 1638

Merchant interface 16 processes merchant **bill** of sale. 1540

Merchant 22 picks a shipper 25 to deliver the item(s) 60...

...the

merchant identifier, Rem identifier, list, shipper identifier, ship date, and parcel tracking number. 1664

**Fund** institution 12C collects the **payment** from the customer 2C

**Fund** instiMion 12C sends a **payment** of privacy **funds** i 00 (i) ti merchant 22 for the Kerns 60 purchased, %10, to theshipper 25...

...for the ti

Oporadon Flow on the purchase on the Hems 60. I US

Continuod **Fund** institution 12C sends a **payment** to the privacy main systt

of the privacy system 12. 1570

FIGURE 15

Page 5...

...the priority date claimed

Date of the actual completion of the international search Date of **mailing** of the international search report

03 SEPTEMBER 2000 0 3 OCT 2000

Name and **mailing** address of the ISA/US Authorized officer  
Commissioner of Patents and Trademarks  
Box PCT ROBERT...

6/3,K/15 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00733745 \*\*Image available\*\*

**METHOD AND SYSTEM FOR PROVIDING A USER WITH INTEGRATED INTERACTIVE ACCESS TO PRODUCTS AND SERVICES**

**METHODE ET SYSTEME PERMETTANT DE FOURNIR A UN UTILISATEUR L'ACCES  
INTERACTIF INTEGRE A DES PRODUITS ET SERVICES**

Patent Applicant/Assignee:

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US

Legal Representative:

MARCOU George, Kilpatrick Stockton LLP, Suite 800, 700 13th Street, N.W.,  
Washington, DC 20005, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200046732 A1 20000810 (WO 0046732)

Application: WO 2000US2670 20000202 (PCT/WO US0002670)

Priority Application: US 99118427 19990202; US 99143797 19990714

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17413

Fulltext Availability:

Claims

Claim

... server to a server of at least one other service provider.

14 4

FIGs 1

**THIRD PARTY**

SERVICE PROVIDER

(PARTNER)

14

WEBSITE

SERVER

8

2 18

WEBSITE

INTERNE 6

SERVER

FINANCIAL

SMALL PC INSTITUTION

BUSINESS SERVICE

USER 6 PROVIDER

WE

SERVER

12

**THIRD PARTY**

SERVICE PROVIDER

(PARTNER)

SUBSTITUTE SHEET (RULE 26)

FIGm 2

FU'SER AT A PC WITH...TO THE SELECTED

BUSINESS FUNCTIONALITY VIA SERVICE PROVIDER'S HOSTED APPLICATION

AND/OR LINKS TO **THIRD PARTY** SERVICE PROVIDERS'HOSTED APPLICATIONS

SUBSTITUTE SHEET (RULE 26)

• M...

...Click (I or business name for map and more info V;to  
Cn Buy a **mailing** list for 'Advertift-Agencies &  
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spedal offers.

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-Your Ticket

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DIALOG(R)File 349:PCT FULLTEXT  
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00399859 \*\*Image available\*\*

**SECURE SMART CARD ACCESS TO PRE-PAID METERING FUNDS IN METER**  
**ACCES PAR CARTE A PUCE PROTEGEE AUX FONDS PREPAYES MEMORISES DANS UNE**  
**AFFRANCHISSEUSE**

Patent Applicant/Assignee:

ASCOM HASLER MAILING SYSTEMS INC,  
BROOKNER George,

Inventor(s):

BROOKNER George,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9740602 A1 19971030

Application: WO 97US6703 19970423 (PCT/WO US9706703)

Priority Application: US 9616083 19960423

Designated States: CA JP US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE

Publication Language: English

Fulltext Word Count: 3113

Fulltext Availability:

Detailed Description

Detailed Description

... is employed. The PSD 50 contains  
stored postage value. When used for the printing of **postage**  
**indicia**, the PSD 50 provides information via nonsecure channel  
52 to a nonsecure printer 51, and the information makes  
possible the printing of a postage indicium on the **mail piece**  
91. Eventually the stored **value** in the PSD 50 is exhausted  
and no more **postage indicia** may be printed, due to the  
programming of the PSD 50. At that time, if...

...a TMS host 58,  
operated by the manufacturer of the PSD 50 or an appropriate  
**third party**. The data link 57 may be a modem-to-modem  
telephone connection, or an ISDN...

...the TMS session, the user  
of the PSD 50 will l@ave arranged to have **funds** on deposit with  
the manufacturer or with the postal authority 59. In the TMS  
3...712 le:;,Pp p9-4clAJZ)U@~ 'UOTSSaS  
COLNILW1113d Z090V/L6 GA  
add to the stored **value** of the card will, in prior art  
systems, go to a bank or other financial institution 64 to  
arrange for the placement of stored **value** in the card 54.

Fig. 4 is a functional block diagram of a system in accordance  
with the invention in which a **postage meter** is employed,

functioning in a fashion that is analogous to the system of Fig. 1. The **postage meter** 50A contains stored postage value. When used for the printing of **postage indicia**, the PSD 50 prints indicia directly on the **mail piece** 91. Eventually the stored value in the **postage meter** 50A is exhausted and no more **postage indicia** may be printed, due to the programming of the **postage meter** 50A. At that time, if not before, it is necessary to "refill" the **postage meter** 50A by means of a telemeter setting (TMS) session. In a TMS session, a nonsecure data link 57 is established between the **postage meter** 50A and a TMS host 58, operated by the manufacturer of the **postage meter** 50A or by an appropriate **third party**. The data link 57 may be a modem-to-modem telephone connection, or an ISDN...

6/3,K/17 (Item 15 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00399729 \*\*Image available\*\*

**SECURE POSTAGE PAYMENT SYSTEM AND METHOD**

**SYSTEME ET PROCEDURE PERMETTANT DE REGLER DES AFFRANCHISSEMENTS POSTAUX EN  
TOUTE SECURITE**

Patent Applicant/Assignee:

ASCOM HASLER MAILING SYSTEMS INC,  
GARDNER Gaye +lf,  
SCHWARTZ Robert,  
BROOKNER George,  
ESKANDARI Fetneh,  
BROWN Michael,  
MECHLER David,  
HEROY Douglas,

Inventor(s):

GARDNER Gary +di,  
SCHWARTZ Robert,  
BROOKNER George,  
ESKANDARI Fetneh,  
BROWN Michael,  
MECHLER David,  
HEROY Douglas,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9740472 A1 19971030

Application: WO 97US6831 19970423 (PCT/WO US9706831)

Priority Application: US 9616082 19960423; US 9617911 19960423; US  
9615528 19960423; US 9616760 19960503

Designated States: CA JP US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE

Publication Language: English

Fulltext Word Count: 15160

Fulltext Availability:

Claims

Claim

... SHEET (ARTICLE 19)

99 The system of claim 97 wherein said facsimile information includes a **digital signature** for authenticating the facsimile transmission.

100. The system of claim 82 further comprising a receiver...  
...encrypted facsimile information.

102. The system of claim 100 wherein said facsimile

information includes a **digital signature**, said receiver includes a mechanism for verifying said **digital signature**.

103. The system of ...dispensation.

107. A method for use in an IC module for dispensing postage for a **mail piece** comprising the steps of: storing first data representative of a **value** of postage **funds**;

AMENDED SHEET (ARTICLE 19)

- 59

receiving selected information concerning the **mail piece** and information concerning a **value** of the postage, the **value** of the postage **funds** being a function of the **value** of the postage;

encrypting at least the selected information to generate second data, and

providing the first data and the second data for creation of a postage indicium indicative of **payment** of the postage.

108. The method of claim 107 wherein said second data includes a **digital signature**.

109. The method of claim 107 wherein said selected information is encrypted in accordance with...

...wherein said encryption

algorithm is a DSA.

112. The method of claim 107 wherein the **value** of the stored postage **funds** is changed in response to a purchase.

113. A method for generating a content of a **mail piece**, said **mail piece** including a cover for enclosing said content, said method comprising the steps of:

receiving data representative of at least said content, said data excluding a **value** of cost of delivery of said **mail piece**;

computing the cost of delivery of said **mail piece** based on said data;

generating said content based on said data; and

AMENDED SHEET (ARTICLE...

...thereof.

114. The method of claim 113 wherein said cost includes postage for delivering said **mail piece**.

AMENDED SHEET (ARTICLE 19)

- 61

125. The method of claim 113 wherein information for identifying...

...cost.

129. The method of claim 127 wherein said database includes information identifying said **mail piece** for tracking thereof.

130. A method for processing a **mail piece** for which postage needs to be dispensed before delivery of the **mail piece** comprising the steps of:

obtaining from the **mail piece** selected information appearing on the **mailing piece**; and

determining whether to dispense the postage in response to at least the selected...of claim 130 wherein the selected information is represented by a bar-code on said **mail piece**.

132. The method of claim 130 wherein the selected information includes data identifying an originator of said **mail piece**.

133. The method of claim 132 wherein the a dispensation

File 344:Chinese Patents Abs Aug 1985-2002/Nov  
(c) 2002 European Patent Office

File 347:JAPIO Oct 1976-2002/Aug(Updated 021203)  
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File 350:Derwent WPIX 1963-2002/UD,UM &UP=200279  
(c) 2002 Thomson Derwent

File 348:EUROPEAN PATENTS 1978-2002/Dec W01  
(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20021205,UT=20021128  
(c) 2002 WIPO/Univentio

File 256:SoftBase:Reviews,Companies&Prods. 82-2002/Nov  
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(c) 2002 Institution of Electrical Engineers

File 35:Disertation Abs Online 1861-2002/Nov  
(c) 2002 ProQuest Info&Learning

File 65:Inside Conferences 1993-2002/Dec W2  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2002/Oct  
(c) 2002 The HW Wilson Co.

File 233:Internet & Personal Comp. Abs. 1981-2002/Nov  
(c) 2002 Info. Today Inc.

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 11  
(c) 2002 The Gale Group

File 474:New York Times Abs 1969-2002/Dec 10  
(c) 2002 The New York Times

File 475:Wall Street Journal Abs 1973-2002/Dec 10  
(c) 2002 The New York Times

File 16:Gale Group PROMT(R) 1990-2002/Dec 11  
(c) 2002 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2002/Dec 10  
(c)2002 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2002/Dec 11  
(c) 2002 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2002/Dec 10  
(c) 2002 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2002/Dec 11  
(c) 2002 The Gale Group

File 9:Business & Industry(R) Jul/1994-2002/Dec 10  
(c) 2002 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2002/Dec 10  
(c) 2002 ProQuest Info&Learning

File 20:Dialog Global Reporter 1997-2002/Dec 11  
(c) 2002 The Dialog Corp.

File 95:TEME-Technology & Management 1989-2002/Dec W1  
(c) 2002 FIZ TECHNIK

File 476:Financial Times Fulltext 1982-2002/Dec 11  
(c) 2002 Financial Times Ltd

File 610:Business Wire 1999-2002/Dec 11  
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File 613:PR Newswire 1999-2002/Dec 11  
(c) 2002 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2002/Dec 10  
(c) 2002 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2002/Dec 10  
(c) 2002 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 477:Irish Times 1999-2002/Dec 11  
(c) 2002 Irish Times

File 710:Times/Sun.Times(London) Jun 1988-2002/Dec 11

(c) 2002 Times Newspapers  
 File 711:Independent(London) Sep 1988-2002/Dec 09  
 (c) 2002 Newspaper Publ. PLC  
 File 756:Daily/Sunday Telegraph 2000-2002/Dec 11  
 (c) 2002 Telegraph Group  
 File 757:Mirror Publications/Independent Newspapers 2000-2002/Dec 11  
 (c) 2002  
 File 387:The Denver Post 1994-2002/Dec 09  
 (c) 2002 Denver Post  
 File 471:New York Times Fulltext 90-Day 2002/Dec 10  
 (c) 2002 The New York Times  
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
 (c) 2002 Phoenix Newspapers  
 File 494:St LouisPost-Dispatch 1988-2002/Dec 09  
 (c) 2002 St Louis Post-Dispatch  
 File 498:Detroit Free Press 1987-2002/Dec 09  
 (c) 2002 Detroit Free Press Inc.  
 File 631:Boston Globe 1980-2002/Dec 10  
 (c) 2002 Boston Globe  
 File 633:Phil.Inquirer 1983-2002/Dec 06  
 (c) 2002 Philadelphia Newspapers Inc  
 File 638:Newsday/New York Newsday 1987-2002/Dec 10  
 (c) 2002 Newsday Inc.  
 File 640:San Francisco Chronicle 1988-2002/Dec 11  
 (c) 2002 Chronicle Publ. Co.  
 File 641:Rocky Mountain News Jun 1989-2002/Dec 10  
 (c) 2002 Scripps Howard News  
 File 702:Miami Herald 1983-2002/Nov 17  
 (c) 2002 The Miami Herald Publishing Co.  
 File 703:USA Today 1989-2002/Dec 10  
 (c) 2002 USA Today  
 File 704:(Portland)The Oregonian 1989-2002/Dec 09  
 (c) 2002 The Oregonian  
 File 713:Atlanta J/Const. 1989-2002/Dec 08  
 (c) 2002 Atlanta Newspapers  
 File 714:(Baltimore) The Sun 1990-2002/Dec 08  
 (c) 2002 Baltimore Sun  
 File 715:Christian Sci.Mon. 1989-2002/Dec 11  
 (c) 2002 Christian Science Monitor  
 File 725:(Cleveland)Plain Dealer Aug 1991-2000/Dec 13  
 (c) 2000 The Plain Dealer  
 File 735:St. Petersburg Times 1989- 2000/Nov 01  
 (c) 2000 St. Petersburg Times

?ds

Set	Items	Description
S1	5	(POSTAGE()METER?) (5N) (THIRD() (PARTY OR PARTIES) () PAYMENT?)
S2	0	(BILL() PAYMENT?) (5N) (POSTAGE()METER?) (5N) (PRINT? ? OR PRIN- TING?) (5N) (THIRD() (PARTY OR PARTIES))
S3	0	(BILL() PAYMENT?) (5N) (POSTAGE()METER?) (5N) (THIRD() (PARTY OR PARTIES) )
S4	0	(BILL() PAYMENT?) (5N) (POSTAGE() STAMP?) (5N) PRINT?
S5	270	(PAYMENT?) (5N) (POSTAGE? OR STAMP? ?) (5N) (PRINT?)
S6	6	S5(8N) (THIRD() (PARTY OR PARTIES))
S7	6	S6 NOT S1
?		

1/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014614664 \*\*Image available\*\*

WPI Acc No: 2002-435368/200246

XRPX Acc No: N02-342712

Payment processing system for conducting payment transaction used in  
postage metering systems by obtaining payment data via postage metering  
system and arranging for payment to payee for payment amount

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: KRAMER A L; PIERCE P A

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200229680	A1	20020411	WO 2001US30978	A	20011004	200246 B
AU 200196553	A	20020415	AU 200196553	A	20011004	200254

Priority Applications (No Type Date): US 2000679801 A 20001005

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200229680	A1	E	30	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200196553	A			G06F-017/60	Based on patent WO 200229680
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Abstract (Basic):

... In postage metering systems having account reconciliation  
for third party payments .

1/3,K/2 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01471978

POSTAGE METERING SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY  
PAYMENTS

SYSTEME D'AFFRANCHISSEMENT MECANIQUE OFFRANT UNE FONCTIONNALITE DE  
CONCILIATION DES FONDS POUR LES PAIEMENTS A DES TIERS

PATENT ASSIGNEE:

PITNEY BOWES INC., (244962), One Elmcroft Road, Stamford, CT 06926, (US),  
(Applicant designated States: all)

INVENTOR:

PIERCE, Perry, A., 65 Relihan Road, Darien, CT 06820, (US)

KRAMER, Allen, L., 6 Round Hill Road, Middletown, CT 06457, (US)

PATENT (CC, No, Kind, Date):

WO 2002029680 020411

APPLICATION (CC, No, Date): EP 2001977434 011004; WO 2001US30978 011004

PRIORITY (CC, No, Date): US 679801 001005

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

LANGUAGE (Publication,Procedural,Application): English; English; English

POSTAGE METERING SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY  
PAYMENTS

1/3,K/3 (Item 2 from file: 348)



DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01471977

POSTAGE METERING **SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY**  
**SYSTEME D'AFFRANCHISSEMENT COMPORTANT UNE CAPACITE DE PAIEMENT PAR UN TIERS**  
PATENT ASSIGNEE:

Pitney Bowes Inc., (244961), One Elmcroft Road, Stamford, Connecticut  
06826, (US), (Applicant designated States: all)

INVENTOR:

PIERCE, Perry, A., 65 Relihan Road, Darien, CT 06820, (US)

KRAMER, Allen, L., 6 Round Hill Road, Middletown, CT 06457, (US)

PATENT (CC, No, Kind, Date):

WO 2002029679 020411

APPLICATION (CC, No, Date): EP 2001977433 011004; WO 2001US30977 011004

PRIORITY (CC, No, Date): US 679802 001005

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

LANGUAGE (Publication,Procedural,Application): English; English; English

POSTAGE METERING **SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY**

1/3,K/4 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00896458

POSTAGE METERING **SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY**  
**SYSTEME D'AFFRANCHISSEMENT COMPORTANT UNE CAPACITE DE PAIEMENT PAR UN TIERS**  
Patent Applicant/Assignee:

PITNEY BOWES INC, 1 Elmcroft Road, Stamford, CT 06926, US, US (Residence)  
, US (Nationality)

Inventor(s):

PIERCE Perry A, 65 Relihan Road, Darien, CT 06820, US,

KRAMER Allen L, 6 Round Hill Road, Middletown, CT 06457, US,

Legal Representative:

MEYER Robert E (agent), Pitney Bowes Inc., 35 Waterview Drive, Shelton,  
CT 06484, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200229679 A1 20020411 (WO 0229679)

Application: WO 2001US30977 20011004 (PCT/WO US0130977)

Priority Application: US 2000679802 20001005

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3067

POSTAGE METERING **SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY**

Fulltext Availability:

Detailed Description

Detailed Description

... assigned to the assignee of this application.

US Patent Application Number 09/679,801 , entitled **POSTAGE METERING**

SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY PAYMENTS .

This application is also related to the following patents, all of which were filed on...

...invention relates generally to postage metering systems. More particularly, this invention is directed to a **postage metering** system having **third party payment** capability that may be selectively activated by an operator.

Background of the Invention  
Postage metering...

...Invention

The present invention provides a system and methods for improving the functionality of **postage metering** systems by adding **third party payment** capability to the **postage metering** system. Generally, this is accomplished by allowing a user to specify payment data via the...

1/3,K/5 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00895546 \*\*Image available\*\*  
POSTAGE METERING **SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY PAYMENTS**  
**SYSTEME D'AFFRANCHISSEMENT MECANIQUE OFFRANT UNE FONCTIONNALITE DE CONCILIATION DES FONDS POUR LES PAIEMENTS A DES TIERS**  
Patent Applicant/Assignee:  
PITNEY BOWES INC, 1 Elmcroft Road, Stamford, CT 06926, US, US (Residence)  
, US (Nationality)  
Inventor(s):  
PIERCE Perry A, 65 Relihan Road, Darien, CT 06820, US,  
KRAMER Allen L, 6 Round Hill Road, Middletown, CT 06457, US,  
Legal Representative:  
MEYER Robert E (agent), Pitney Bowes Inc., 35 Waterview Drive, Shelton, CT 06484, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200229680 A1 20020411 (WO 0229680)  
Application: WO 2001US30978 20011004 (PCT/WO US0130978)  
Priority Application: US 2000679801 20001005  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 4832

POSTAGE METERING **SYSTEM HAVING FUNDS RECONCILIATION FOR THIRD PARTY PAYMENTS**  
Fulltext Availability:  
Detailed Description

Detailed Description

**POSTAGE METERING** SYSTEM HAVING  
FUNDS RECONCILIATION FOR  
**THIRD PARTY PAYMENTS**

Cross Reference to Related Applications

This application is related to the following co-pending application...

...assigned to the assignee of this application.

US Patent Application Number 09/679,802, entitled **POSTAGE METERING SYSTEM HAVING THIRD PARTY PAYMENT CAPABILITY**. This application is also related to the following patents, all of which were filed...

...invention relates generally to postage metering systems. More particularly, this invention is directed to a **postage metering** system having account reconciliation for **third party payments**.

#### Back-ground of the Invention

**Postage metering** systems are well known in the art. A typical postage metering system applies evidence of...

#### ...the Invention

The present invention provides a system and methods for improving the functionality of **postage metering** systems by adding **third party payment** capability to the **postage metering** system. Generally, this is accomplished by allowing a user to specify payment data via the...

?

7/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

05608534 Supplier Number: 48486438 (USE FORMAT 7 FOR FULLTEXT)  
**Ceridian Tax Service Becomes First Payroll Tax Processor to Receive Bulk  
Filer Approval for Meeting New Minnesota EDI Requirements.**  
Business Wire, p05181432  
May 18, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 959

... to deliver mail, the Department to open, sort, enter data, process,  
correct and account for **payments** and return information. EDI also saves  
**postage** , paper and **printing** costs for both the **third party** bulk  
filers and the Department of Revenue.

"Ceridian is pleased to work in partnership with the...

7/3,K/2 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

10225448 SUPPLIER NUMBER: 20620186 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Ceridian Tax Service Becomes First Payroll Tax Processor to Receive Bulk  
Filer Approval for Meeting New Minnesota EDI Requirements.**  
Business Wire, p5181432  
May 18, 1998  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1003 LINE COUNT: 00089

... to deliver mail, the Department to open, sort, enter data, process,  
correct and account for **payments** and return information. EDI also saves  
**postage** , paper and **printing** costs for both the **third party** bulk  
filers and the Department of Revenue.

"Ceridian is pleased to work in partnership with...

7/3,K/3 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

01654491 Supplier Number: 48486438 (USE FORMAT 7 FOR FULLTEXT)  
**Ceridian Tax Service Becomes First Payroll Tax Processor to Receive Bulk  
Filer Approval for Meeting New Minnesota EDI Requirements.**  
Business Wire, p05181432  
May 18, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 959

... to deliver mail, the Department to open, sort, enter data, process,  
correct and account for **payments** and return information. EDI also saves  
**postage** , paper and **printing** costs for both the **third party** bulk  
filers and the Department of Revenue.

"Ceridian is pleased to work in partnership with the...

7/3,K/4 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

01727263 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Ceridian Tax Service Becomes First Payroll Tax Processor to Receive Bulk**

**Filer Approval for Meeting New Minnesota EDI Requirements**

BUSINESS WIRE

May 18, 1998 13:31

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 956

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to deliver mail, the Department to open, sort, enter data, process, correct and account for **payments** and return information. EDI also saves **postage** , paper and **printing** costs for both the **third party** bulk filers and the Department of Revenue. "Ceridian is pleased to work in partnership with...

7/3,K/5 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2002 The Dialog Corp. All rts. reserv.

01654273 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Ceridian Tax Service Becomes First Payroll Tax Processor to Receive Bulk Filer Approval for Meeting New Minnesota EDI Requirements**

BUSINESS WIRE

May 18, 1998 13:45

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 956

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to deliver mail, the Department to open, sort, enter data, process, correct and account for **payments** and return information. EDI also saves **postage** , paper and **printing** costs for both the **third party** bulk filers and the Department of Revenue. "Ceridian is pleased to work in partnership with...

7/3,K/6 (Item 1 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0853546 BW1432

**CERIDIAN: Ceridian Tax Service Becomes First Payroll Tax Processor to Receive Bulk Filer Approval for Meeting New Minnesota EDI Requirements**

May 18, 1998

Byline: Business Editors

...to  
deliver mail, the Department to open, sort, enter data, process, correct and account for **payments** and return information. EDI also saves **postage** , paper and **printing** costs for both the **third party** bulk filers and the Department of Revenue.  
"Ceridian is pleased to work in partnership with...

File 344:Chinese Patents Abs Aug 1985-2002/Nov  
 (c) 2002 European Patent Office  
 File 347:JAPIO Oct 1976-2002/Aug(Updated 021203)  
 (c) 2002 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2002/UD,UM &UP=200279  
 (c) 2002 Thomson Derwent  
 ?ds

Set	Items	Description
S1	1737642	REVENUE? OR PAYMENT? OR FUND OR FUNDS OR VALUE? OR VALUATI- ON? OR FEE OR FEES OR CHARGE? OR DISBURS? OR BILL OR BILLING? OR ALLOCATION?
S2	30583	STAMP? ? OR (POSTAGE OR POSTAL) () (METER? OR STAMP? OR PRIN- T? OR INDICIA) OR DIGITAL()SIGNATURE?
S3	59730	MAIL()PIECE? OR MAILPIECE? OR ENVELOPE? OR MAILING?
S4	2477	S1 AND S2
S5	185	S4 AND S3
S6	2	S5 AND (THIRD() (PARTY OR PARTIES))

6/5/1 (Item 1 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014614663 \*\*Image available\*\*  
WPI Acc No: 2002-435367/200246  
XRPX Acc No: N02-342711

Payment processing system for postage metering has data center,  
postage metering system and control system

Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: KRAMER A L; PIERCE P A  
Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200229679	A1	20020411	WO 2001US30977	A	20011004	200246 B
AU 200196552	A	20020415	AU 200196552	A	20011004	200254

Priority Applications (No Type Date): US 2000679802 A 20001005

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200229679 A1 E 22 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200196552 A G06F-017/60 Based on patent WO 200229679

Abstract (Basic): WO 200229679 A1

NOVELTY - The system includes a data center and a **postage metering** system located remotely from the data center. A control system is in communication with the data center and the **postage metering** system. The control system obtains **payment** data via the **postage metering** system. The **payment** data includes a payee and a **payment** amount. **Payment** is dispatched from the data center to the payee for the **payment** amount.

The control system co-ordinates printing by the **postage metering** system of an indication of the **third party payment** on a **mailpiece** intended for delivery to the payee.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a method of operating a **payment** processing system and for a method of operating a data center.

USE - For **postage metering** systems.

ADVANTAGE - Allows operator to perform additional tasks other than dispensing postage.

DESCRIPTION OF DRAWING(S) - The figure shows a **postage metering** environment.

**Postage metering** system (10a)

**Mailpiece** . (20)

pp; 22 DwgNo 1/5

Title Terms: PAY; PROCESS; SYSTEM; POSTAGE; METER; DATA; POSTAGE; METER;  
SYSTEM; CONTROL; SYSTEM

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

6/5/2 (Item 2 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

013373033 \*\*Image available\*\*  
WPI Acc No: 2000-544971/200050  
XRPX Acc No: N00-403154

Postal printing system having digital coupon distribution system for including subsidies to print third party coupons involves establishing transaction session between computer and data center to get recipient address from user

Patent Assignee: PITNEY BOWES INC (PITB )

Inventor: HEIDEN R W

Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1022688	A2	20000726	EP 99126148	A	19991229	200050 B
CA 2292932	A1	20000630	CA 2292932	A	19991222	200050
US 6408286	B1	20020618	US 98224238	A	19981230	200244

Priority Applications (No Type Date): US 98224238 A 19981230

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1022688	A2	E	16	G07B-017/00	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

CA 2292932	A1	E		B41L-047/58	
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US 6408286	B1			G07B-017/00	
------------	----	--	--	-------------	--

Abstract (Basic): EP 1022688 A2

NOVELTY - The method establishes a transaction session between computer and data center to get a recipient address from the user and use it with restriction data from several advertisers accounts to identify a subset of coupons available for printing on an **envelope** (20) in conjunction with the **postal indicia**. A redemption center and the coupon redeemers reconcile **payments** for the redeemed coupons.

DETAILED DESCRIPTION - Independent claims describe a method of operating a coupon distribution system, a method of operating a data center and a product.

USE - As a **postal printing** system having a digital coupon distribution system.

ADVANTAGE - Provides improved system that allows the **postage meter** manufacturers to broker the user of advertising space by **third parties** on **envelopes**.

DESCRIPTION OF DRAWING(S) - The drawing shows a representation of the proposed coupon distribution system.

the **envelope** (20)

pp; 16 DwgNo 3/6

Title Terms: POSTAL; PRINT; SYSTEM; DIGITAL; COUPON; DISTRIBUTE; SYSTEM; PRINT; THIRD; PARTY; COUPON; ESTABLISH; TRANSACTION; SESSION; COMPUTER; DATA; RECIPIENT; ADDRESS; USER

Derwent Class: T01; T05; W05

International Patent Class (Main): B41L-047/58; G07B-017/00

International Patent Class (Additional): G07B-001/00; G11B-023/00;

H04L-012/16

File Segment: EPI

?



?ds

Set	Items	Description
S1	13627	REVENUE? OR PAYMENT? OR FUND OR FUNDS OR VALUE? OR VALUATI- ON? OR FEE OR FEES OR CHARGE? OR DISBURS? OR BILL OR BILLING? OR ALLOCATION?
S2	605	STAMP? ? OR (POSTAGE OR POSTAL) () (METER? OR STAMP? OR PRIN- T? OR INDICIA) OR DIGITAL() SIGNATURE?
S3	980	MAIL() PIECE? OR MAILPIECE? OR ENVELOPE? OR MAILING?
S4	135	S1 AND S2
S5	15	S4 AND S3
S6	0	S5 AND (THIRD() (PARTY OR PARTIES))

5/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2002 Info.Sources Inc. All rts. reserv.

01738158 DOCUMENT TYPE: Product

PRODUCT NAME: Stamps .com (738158)

**Stamps .com** Inc (659088  
3420 Ocean Park Blvd #1040  
Santa Monica, CA 90405-3307 United States  
TELEPHONE: (310) 450-1444

RECORD TYPE: Directory

CONTACT: Sales Department

**Stamps .com** from **Stamps .com** Incorporated is a U.S. Postal Service-approved online postage store. Offering the convenience of Internet shopping, the site allows users to purchase postage without waiting in line at a post office. **Stamps .com** allows businesses to produce **mailings** with the professional look of metered mail. Features of **Stamps .com** include: supports all classes of mail, including Express Mail and certified; shipment tracking; 24-hour, 7 days a week access; free software; no requirement for special printers or other hardware; online **mailing** address correction; **mailing** list and log security; and interfaces to many word processors and **mailing** list software packages. **Stamps .com** is often much cheaper and simpler than leasing a **postage meter**, and customers do not need to sign a lease or pay reset **fees**.

DESCRIPTORS: Freight Handling; **Mailing** Lists; Internet; Shipping

HARDWARE: IBM PC & Compatibles

OPERATING SYSTEM: Windows; Windows NT/2000

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Micro

POTENTIAL USERS: Cross Industry, Small Businesses that Do Mailings

PRICE: \$0 - free software & signup; metering plans - \$1.99 per month and up

DOCUMENTATION AVAILABLE: Online documentation

TRAINING AVAILABLE: Internet support; telephone support; technical support

OTHER REQUIREMENTS: 16MB - Win 9x, 24MB - NT RAM; Win 9x+; Internet connection; ink jet or

REVISION DATE: 991221

5/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2002 Info.Sources Inc. All rts. reserv.

00133130 DOCUMENT TYPE: Review

PRODUCT NAMES: **Stamps .com** (738158); **ClickStamp Online** (754455); **Simply Postage Promail** (066516); **NetPost Mailing Online** (066524)

TITLE: **A Post Office In Your PC**

AUTHOR: Niz, Xavier

SOURCE: Computer Shopper, v21 n9 p177(1) Sep 2001

ISSN: 0886-0556

HOME PAGE: <http://www.computershopper.com>

RECORD TYPE: Review

REVIEW TYPE: Product Comparison

GRADE: Product Comparison, No Rating

**Stamps .com's** namesake offering, Pitney Bowes' ClickStamp Online, Neopost Online's Simply Postage Promail, and the U.S. Postal Service's NetPost Service are compared online and offline postage services. The sites allow shoppers to purchase **stamps** via the Internet by simply printing the postage needed on an **envelope** or **mailing** label. These handy new services are enabled by the Information Based Indicia Program (IBIP) of the USPS. **Stamps .com** has two pricing plans: the Simple Plan is for 10 percent of the **postage printed**, with a minimum of \$4.49, while the Power Plan costs \$18.99 per month, irrespective of the quantity of postage purchased, and the user gets a free scale. ClickStamp Online is downloadable for running on a PC, and sign-up is fast and easy. When a **postage - meter** license has been assigned, the user can purchase postage the same day. ClickStamp Online costs \$1.49 per month plus the cost of postage. Promotional tools offered to business owners are access to **mailing** lists, site-building assistance, and direct-mail services. Simply Postage Promail is an offline service that provides a kit containing an integrated digital scale and printer, with a roll of 100 labels. The user purchases postage from the firm Web site, but postage is stored in the printer. A one-time **fee** of \$49.95 is **charged**; the user then pays \$14.95 per month plus the cost of postage. The USPS provides the NetPost Service online, where people can buy first-class or certified mail postage via the Internet. Documents are simply uploaded to the site after sign-up, routing information is entered; USPS prints and snail-mails the document.

COMPANY NAME: **Stamps .com Inc** (659088); Pitney Bowes Software Systems (414344); Neopost (660817); US Postal Service (USPS) (701289)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: E-Commerce; E-Postage; Small Business  
REVISION DATE: 20020422

5/5/3

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2002 Info.Sources Inc. All rts. reserv.

00128882 DOCUMENT TYPE: Review

PRODUCT NAMES: **Mail Service** (838641)

TITLE: **Pushing the Envelope : Facing financial troubles, the Postal Service..**

AUTHOR: Wasserman, Elizabeth

SOURCE: Industry Standard, v4 n9 p70(6) Mar 5, 2001

ISSN: 1098-9196

HOME PAGE: <http://www.thestandard.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

As the U.S. Postal Service ramps up to compete as an e-commerce provider, the organization faces opposition from such competitors as UPS and other delivery services that 'want to limit the agency to the letter business.' Deputy Postmaster General John Nolan, for instance has approved a project to begin in April 2001 that will allow the 41 million Americans who move each year to make their changes-of-address official on the Web. Customers could update their postal addresses and notify credit card companies, utilities, and magazines of the new addresses. The site would likely generate large advertising dollars from national companies, which would get the opportunity to link their services and market coupons to the site. Nolan is among the many who say that the U.S. Postal Service (USPS) is a sinking ship and can only be rescued by leveraging Internet-enabled services and products. However, competitors say USPS, because it has a

'government-sanctioned monopoly on mail delivery,' is seeking a still stronger unfair advantage in the online market. Among many topics discussed are the increasing opportunities to use the Internet to provide government services at all levels; the post office's shrinking market for some types of snail-mail; and Nolan's efforts to bolster USPS's market appeal with such new online services as electronic postmarks for enhanced e-mail delivery, **stamp** auctions on eBay, online **bill** -paying, **Stamps** Online, and MoversGuide.com.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Charts Graphs  
DESCRIPTORS: E-Commerce; E-Postage; EFT (Electronic **Funds** Transfer);  
Freight Handling  
REVISION DATE: 20020630

5/5/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00127004 DOCUMENT TYPE: Review

PRODUCT NAMES: **E-Postage** (841072)

TITLE: **E-Postage Fails To Prove Its Value**  
AUTHOR: Staff  
SOURCE: Internet World, p28(1) Nov 1, 2000  
ISSN: 1097-8291  
HOMEPAGE: <http://www.iw.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

The viability of the e-postage industry is discussed, and two experts take opposite sides in the debate over the future of the e-postage business. Lisa DeBois, president of PitneyWorks, says Internet postage is part of an overall suite of solutions, based on research into the small-business marketplace and the needs of small-business owners. Pitney Bowes emphasizes the mission critical needs of small companies and focuses on marketing services, **mailing** and shipping tools, and financial **payment** vehicles. However, according to Melissa Shore, senior analyst for Jupiter Communications, 'Online postage today has no real **value** proposition for consumers or small businesses.' Shore says demand is dropping; the quantity of postage used by small business will drop as use of e-transmitted missives increases. Moreover, paper **stamps** are available just about everywhere, including at the supermarket, ATM machine, or online. There is also no significant cost saving for small companies. Online e-postage purveyors eStamp and **Stamps** .com levy a 10 percent surcharge on the cost of postage, but **Stamps** .com **charges** no more than \$19.99 a month, and eStamp **charges** a maximum of \$24.99. These prices could be lower than the cost of leasing a **postage meter** , but deploying new components is not economical or easy.

COMPANY NAME: Vendor Independent (999999)  
DESCRIPTORS: E-Postage; Internet Marketing  
REVISION DATE: 20010130

5/5/5

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00122591 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Yahoo! Auctions (767832); PayMaxx (792985); PitneyWorks (792993); E- Stamp Internet Postage (747342); ProNetLink (793001)

**TITLE:** Tools Ease Business Of Doing Business

**AUTHOR:** Marks, Susan J

**SOURCE:** MicroTimes, v203 p47(4) Feb 1, 2000

**HOME PAGE:** <http://www.microtimes.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

Yahoo!, PayMaxx, Pitney Bowes, E- Stamp , ProNetLink, InfoCure, and other vendors offer small businesses a variety of time- and money- saving online services, for everything from marketing and customer lead generation to direct mailings , postage, payroll, and even electronic billing and credit card processing. Yahoo! and FreeMerchant.com offer businesses store builder services: helping them create an Internet presence, hosting their Web sites, and maintaining catalogs. Online auctions Yahoo!, Amazon.com, and eBay provide marketing outlets for cost-conscious retailers, improving visibility and sales despite small advertising budgets. Target Prospects offers customer lists from more than 95 million U.S. consumers. ProNetLink and Trade Compass offer leads, referrals, and information services. Digilead World Trading Network offers world trading data for businesses interested in the international front. E- Stamp , sanctioned by the U.S. Postal Service (USPS), allows users to download postage to a plug-in device and generate pre-printed postage-paid mailing . PitneyWorks offers similar postage services in addition to direct-mail services, lines of credit and business Visa cards. PayMaxx and Automatic Data Processing offer complete payroll-processing services online, significantly reducing small businesses' staffing costs. Not only do these vendors cut checks, maintain payroll records, make tax filings, and prepare year-end W-2 statements, they offer direct deposit services and custom electronic time, attendance, 401(k), and general ledger interfaces.

**COMPANY NAME:** Yahoo! Inc (610909); PayMaxx Inc (444499); Pitney Bowes Software Systems (414344); Stamps .com Inc (659088); ProNetLink Corp (677051)

**SPECIAL FEATURE:** Charts

**DESCRIPTORS:** ASP (Application Service Providers); Auctions; E- Billing ; E-Commerce; E-Postage; Internet; Payroll; Small Business

**REVISION DATE:** 20020923

5/5/6

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00122453 DOCUMENT TYPE: Review

**PRODUCT NAMES:** E- Stamp Internet Postage (747342)

**TITLE:** Download Your Postage

**AUTHOR:** Brown, Bruce Brown, Marge

**SOURCE:** PC Magazine, v19 n5 p108(3) Mar 7, 2000

**ISSN:** 0888-8509

**HOME PAGE:** <http://www.pcmag.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

E- Stamp Internet Postage, which allows users to print digital postage from their computers, now has competition from Stamps .com, and more providers are poised to enter the market. Testers wanted to try out

e-postage, and so set up an account with **E- Stamp** Internet Postage. Testers could download and print postage using an optional scale for accurate weights, which saves money on unneeded postage, and an optional label printer. With **E- Stamp**, users can purchase postage on a 24x7 basis for priority, first-class, express, and uninsured parcel-post mail. Optional graphics can be printed in the return address section of **envelopes**. **E- Stamp** also creates usage reports and handily integrated with widely used personal information managers (PIMs) for the address function. A service **fee** above the cost of postage is **charged** with **E- Stamp** and postage cannot be printed for international mail. However, **E- Stamp** still provides an important increase in convenience. Testers set up **E- Stamp** in about 10 minutes and used CD guides to apply online for a license from the USPS. Users enter two user names and passwords to print postage, one for the e-vault and one for account information. The vault attaches to the computer's parallel port and is about the size of a matchbook. It stores purchased postage with account information.

COMPANY NAME: **Stamps .com** Inc (659088)  
SPECIAL FEATURE: Charts Screen Layouts  
DESCRIPTORS: E-Postage; **Envelope** Printers; Internet Utilities; **Mailing**  
Lists  
REVISION DATE: 20020923

5/5/7

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00121795 DOCUMENT TYPE: Review

PRODUCT NAMES: **E- Stamp Internet Postage (747342)**; **Personal Post Digital Postage Meter (786802)**; **PC Stamp (744051)**; **Stamps .com (738158)**

TITLE: **electronic postage: New digital alternatives for communications...**  
AUTHOR: Haskin, David  
SOURCE: Home Office Computing, v18 n1 p95(4) Jan 2000  
ISSN: 0899-7373  
HOMEPAGE: <http://www.smalloffice.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

**Stamps .com** is the editors' choice in a shootout among **E- Stamp** 's and **Stamps .com**'s namesake products, Pitney Bowes' Personal Post Digital **Postage Meter**, and Neopost's Simply **Postage**. **Stamps .com** is a low-cost, fast printing product that users can obtain at no cost, but pay a 10 percent **fee** on purchases over \$1.99. **Stamps .com** is the best choice, especially for users with dedicated modem lines because it requires no hardware device and does not require the PC to store account information. Address verification data and postage are stored on the Web, so users need no verification CD-ROM in their drives. After installation, testers were guided through an application for USPS permission, an expedited process. During testing, **Stamps .com** verified addresses and zip codes only once when they were added to the address book. All four products require users to apply to the U.S. Post Office to receive postage electronically. **E- Stamp** requires the CD-ROM to be in the drive to verify addresses, and Personal Post Digital **Postage Meter**, which uses a **postage meter** - type device, is recommended for users who do not want to turn on the PC at all. Simply Postage has a tiny printer, is very easy to set up, and includes a postage scale. However, users must purchase proprietary labels.

COMPANY NAME: **Stamps .com** Inc (659088); Pitney Bowes Inc (530298);  
Neopost (660817)  
SPECIAL FEATURE: Charts Buyers Guides

DESCRIPTORS: E-Commerce; E-Postage; Freight Handling; Labels; **Mailing**  
Lists; Office Automation  
REVISION DATE: 20020923

5/5/8  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00120128 DOCUMENT TYPE: Review

PRODUCT NAMES: E- Stamp Internet Postage (747342); ClickStamp Plus  
(754455)

TITLE: The Internet Goes Postal  
AUTHOR: Bass, Gordon  
SOURCE: PC/Computing, v12 n9 p125(1) Sep 1999  
ISSN: 0899-1847

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: B

E- Stamp 's E- Stamp Internet Postage and Pitney Bowes' ClickStamp Plus are reviewed sites that sell postage via the Internet. Rated very good overall, E- Stamp is recommended for small businesses, with an excellent interface and the ability to work offline. However, a separate hardware device is required. ClickStamp Plus gets good marks for tools that allow users to print their own postage, and also does not require a continuous Internet connection. However, ClickStamp Plus, which also requires a separate device, has an interface that is confusing and operates slowly. E- Stamp Internet Postage represents the future of postage, since users can buy the postage via the Net and store accumulated value in a 'virtual electronic vault,' which is smaller than a deck of playing cards and links to the PC's parallel port. The user need not be linked to the Internet when postage is printed. This is an advantage for small companies that do not have a constant Internet connection, since the quantity of postage is deducted from the secure vault. To send a letter or package, the user enters an address, and E- Stamp Internet Postage uses its database of all deliverable addresses in the U.S. to find it. The user can then print the postage directly to an envelope or a label.

COMPANY NAME: Stamps .com Inc (659088); Pitney Bowes Software Systems  
(414344)  
SPECIAL FEATURE: Screen Layouts Charts  
DESCRIPTORS: E-Postage; Freight Handling; Internet Marketing; Internet  
Shopping; **Mailing** Lists  
REVISION DATE: 20020923

5/5/9  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00115583 DOCUMENT TYPE: Review

PRODUCT NAMES: PC Stamp (744051); Stamps .com (738158)

TITLE: Internet Postage Saves Time and Shoe Leather  
AUTHOR: Arar, Yardena  
SOURCE: PC World, v17 n4 p94(1) Apr 1999  
ISSN: 0737-8939  
HOMEPAGE: <http://www.pcworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Comparison  
GRADE: Product Comparison, No Rating

Neopost's Simply Postage and **Stamps** .com's namesake online postage emporium are both online services that allow users to purchase postage via the Internet and to print it directly on **envelopes** or labels using standard printers or **postage - meter** devices. Postage purchased over the Net could be less expensive than meters or regular **stamps** , but e-postage cannot be used to send mail outside the U.S. Simply Postage, which costs \$18 per month, has an additional initial **fee** that provides users with a small **postage meter** that downloads postage from the Internet and prints it on special labels. Postage is shown in the new symbols for postage used by the USPS, which consist of a 2D bar code and information, such as postage amount and the sender's meter ID number. Testers worked with a device that had a serial port connection, but Neopost plans to provide a Universal Serial Bus cable. No PC is required to print postage. Users can purchase a starter kit that includes the device, a greeting card application, 10,000 pieces of clip art, a scale that links to the device, and a \$50 postage credit. **Stamps** .com requires no special hardware, and the software verifies zip+4 codes of new entries against the USPS' mammoth database. **Stamps** .com will collect a surcharge of approximately 10 percent for postage purchases, and will require no minimum purchase.

COMPANY NAME: Neopost (660817); **Stamps** .com Inc (659088)  
SPECIAL FEATURE: Charts Screen Layouts  
DESCRIPTORS: E-Postage; Freight Handling; IBM PC & Compatibles; Internet Marketing; Internet Shopping; **Mailing** Lists  
REVISION DATE: 20020630

5/5/10

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00115208 DOCUMENT TYPE: Review

PRODUCT NAMES: E- Stamp Internet Postage (747342); **Stamps** .com (738158); neopost.com (747378); pitneybowes.com (747386)

TITLE: **Stamping Out** Stamps  
AUTHOR: Lake, Matt  
SOURCE: Computer Currents, v17 n3 p57(2) Feb 9, 1999  
ISSN: 8756-0046

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Several businesses are providing postage over the Internet in the U.S. Postal Service's Information-Based Indicia Program (indicia is the plural of 'indicator'). The service promises to be very useful, particularly for medium-sized businesses. Early providers of 'e-postage' include E- **Stamp** , **Stamps** .com, Neopost, and Pitney Bowes. The companies are authorized to sell blocks of postage, the amount of which is stored on secure servers. Downloadable programs provide users with tools with which to buy postage, which typically is available in First Class, Priority, and Express classes, with other classes to be made available when the programs complete beta testing in April-June 1999. Pricing will probably be in the form of a **fee** , based on the amount of postage a user purchases and the number of uses. Users will have to know the weight of their mail, which is entered into a dialog box on-screen when purchasing postage. Users also specify addresses or address groups, which can be imported from a variety of common address books into the interface's address book. When the requisite information is complete, users can print the postage onto labels or **envelopes** . The total amount is deducted from the user's total available postage. The entire



process takes place online. Currently, the USPS is rolling out the program gradually. Only domestic postage is now authorized.

COMPANY NAME: **Stamps .com Inc** (659088); Neopost (660817); Pitney Bowes Inc (530298)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: E-Commerce; E-Postage; Freight Handling; Internet Marketing  
REVISION DATE: 20020923

5/5/11

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00114033 DOCUMENT TYPE: Review

PRODUCT NAMES: **Stamps .com** (738158)

TITLE: **First-Class Mail: Pay for and print your postage from the Internet**  
AUTHOR: Kawamoto, Wayne  
SOURCE: PC/Computing, v12 n2 p148(1) Feb 1999  
ISSN: 0899-1847

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: B

**Stamps .com's** namesake online postage purchasing and printing service allows users to skip trips to the post office to buy **stamps** . The user can buy postage online using a credit or debit card, or through electronic transfer from a bank account. **Stamps .com** outputs the postage, names, and addresses via your printer, which is encoded with a unique ID to avoid fraud. The cost is automatically deducted from the user's account, and the user has to stay online while postage is being printed. **Stamps .com** allows the user to choose names from the Windows address book to print to standard **envelopes** or Avery labels. **Stamps .com's** final release should be available in March 1999, and will be capable of searching and sorting, importing from widely used databases, and integrating with Microsoft Word. **Stamps .com** provides its enabling software free via its Web site, and updates for postal rate changes and other information are also available online. The vendor has not set a firm price for the service, but the monthly **fee** should be in the range of \$10 per month.

PRICE: \$0

COMPANY NAME: **Stamps .com Inc** (659088)  
SPECIAL FEATURE: Screen Layouts Charts  
DESCRIPTORS: Direct Marketing; E-Postage; Freight Handling; IBM PC & Compatibles; Internet; Purchasing; Windows  
REVISION DATE: 20020630

5/5/12

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00110666 DOCUMENT TYPE: Review

PRODUCT NAMES: **OmniPage Pro Pro 8.0 Windows & Mac** (018255); **QuickBooks Windows 9x & NT** (366471); **WinFax Pro 8.0 Windows 95 & NT** (339393)

TITLE: **Cut the Clutter**  
AUTHOR: Quain, John R  
SOURCE: Home Office Computing, v16 n8 p85(4) Aug 1998  
ISSN: 0899-7373

Homepage: <http://www.smalloffice.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Many software products and banking services, including OmniPage Pro 8.0 for Windows 95/NT and Macintosh from Caere, QuickBooks for Windows 95/98/NT from Intuit, and Symantec's WinFax Pro 8.0 for Windows 95/NT, are allowing home office professionals to dramatically and creatively reduce office paper use. WinFax Pro is a dedicated fax application that can transmit and track up to 99 faxes at a time, can hold up to 100 cover sheets, and maintains limitless address books and fax numbers. QuickBooks offers control over electronic banking services and saves enormous amounts of paper by eliminating **envelopes**, **stamps**, or checks altogether, though some banks may **charge** a usage **fee** when accessing services via QuickBooks. OmniPage Pro works with most OCR and scanner devices to effortlessly clear desktop clutter by converting paper documents into on-screen text.

COMPANY NAME: ScanSoft Inc (088358); Intuit Inc (447013); Symantec Corp (386251)  
DESCRIPTORS: Accounting; Apple Macintosh; Banks; E-Banking; Fax Software; IBM PC & Compatibles; MacOS; OCR; Office Automation; Scanners; Small Business; Windows; Windows NT/2000  
REVISION DATE: 20001130

5/5/13

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00104411 DOCUMENT TYPE: Review

PRODUCT NAMES: **Internet Marketing** (835552); **Mail Service** (838641)

TITLE: **E- Stamp To Deliver Virtual Postage Service**  
AUTHOR: Karpinski, Richard  
SOURCE: InternetWeek, v683 p21(2) Sep 29, 1997  
ISSN: 0746-8121  
Homepage: <http://www.internetwk.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

**E- Stamp** would like to provide users with less expensive to distribute U.S. postage that can be downloaded from the World Wide Web via a system that allows users to order and securely download virtual postage over the Internet. Users store postage on the local PC and print the equivalent of **stamps** in any denomination on **envelopes** or other packages. E-mail needs approval from the U.S. Postal Service to launch a beta test. Microsoft and AT&T have both invested in **E- Stamp**, a major coup for the startup. Microsoft and AT&T will each get a 10 percent interest in **E- Stamp**, financing that will close the company's third round of financing with a rousing finale. The sales potential of Internet-based postage delivery is enormous, and **E- Stamp** currently has no competition. An analyst for Creative Strategies Research International, Bonnie Brooks, says, 'I do not think everyone's ready for this service at this exact moment, but its something that can grow as more people want to do business on the Internet.' The U.S.P.S. keeps all the **revenue** from postage sales, but **E- Stamp** will **charge** a **fee** for the hardware and software needed and will also be paid for each transaction **fee** when postage is purchased. Only four other companies are approved to sell postage, including Pitney Bowes and three European vendors who sell **postage meters**.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Photographs  
DESCRIPTORS: Freight Handling; Government; Internet Marketing  
REVISION DATE: 20020630

5/5/14

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00096124 DOCUMENT TYPE: Review

PRODUCT NAMES: IBM Cryptolope (595691); InterTrust Commerce (789739);  
DigiBox (602043)

TITLE: Pushing the Envelope : Vendors Ready For War Over Securing  
Content...

AUTHOR: Hutchinson, Art

SOURCE: Communications Week, v626 pS8(3) Sep 2, 1996

ISSN: 0746-8121

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

IBM InfoMarket Service's IBM Cryptolopes and InterTrust Technologies' InterTrust and DigiBox, three early entries in the secure software **envelope** /container market, are designed to make possible 'secure, precise, and persistent control of a wide range of digital content (meaning anything that can be moved over networks in digital format).' Other innovations include VeriSign's **digital signature** functions. To use **envelope** technology for electronic commerce on the Internet and the World Wide Web, users must engage in substantial planning and forethought because new workflow, security, and information management issues will arise. A concurrent increase in the number of secure network **payment** methods and services (including credit cards, digital cash, and cyber-checks) provides additional support critical to the expanded use of digital content commerce, including electronic publishing.

COMPANY NAME: IBM Corp (351245); InterTrust Technologies Corp (616125)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: Computer Security; EFT (Electronic **Funds** Transfer);  
Encryption; Internet Marketing; Internet Security; Internet Utilities  
REVISION DATE: 20010330

5/5/15

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00079916 DOCUMENT TYPE: Review

PRODUCT NAMES: Envelope Manager 2.83 (318141); DAZzle Plus 2.5 (578207)

TITLE: Envelope Manager with Manifesting, DAZzle Plus V2.5 Available

AUTHOR: Staff

SOURCE: Mailer's Review, v7 n4 p17(1) Apr 1995

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

**Mailing** products highlighted include **Envelope** Manager 2.83, with manifesting, and the intuitive DAZzle Plus 2.5 interface. Manifesting

allows users to add postage to First Class, Priority, Express, Fourth Class, and International **mailings** without paper **stamps** or **postage meters** . **Envelope** Manager with manifesting allows users to establish mail class and weight before printing an **envelope** or label; an ID number, permit number, postage **fee** , and weight indicator are printed in the place where a **stamp** would go. **Mailings** and costs can be tracked with unparalleled accuracy, using a detailed audit trail of postage costs. DAZzle Plus integrates with ACT!, 1stACT!, Maximizer, GoldMine, Commence, and PackRat, for enhanced productivity. DAZzle's features include design and printing of customized **envelopes** , labels, and cards with added graphics, text messages, bar codes, and other advanced features.

COMPANY NAME: **Envelope** Manager Software (561576

DESCRIPTORS: Barcoding; Direct Marketing; **Envelope** Printers; Labels;

List Processing; **Mailing** Lists; ZIP Codes

REVISION DATE: 20020530

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File 2:INSPEC 1969-2002/Dec W2  
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File 474:New York Times Abs 1969-2002/Dec 10  
(c) 2002 The New York Times  
File 475:Wall Street Journal Abs 1973-2002/Dec 10  
(c) 2002 The New York Times

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Set	Items	Description
S1	2208789	REVENUE? OR PAYMENT? OR FUND OR FUNDS OR VALUE? OR VALUATI- ON? OR FEE OR FEES OR CHARGE? OR DISBURS? OR BILL OR BILLING? OR ALLOCATION?
S2	13799	STAMP? ? OR (POSTAGE OR POSTAL) () (METER? OR STAMP? OR PRIN- T? OR INDICIA) OR DIGITAL()SIGNATURE?
S3	44188	MAIL()PIECE? OR MAILPIECE? OR ENVELOPE? OR MAILING?
S4	2424	S1 AND S2
S5	52	S4 AND S3
S6	2	S5 AND (THIRD() (PARTY OR PARTIES))
S7	2	RD (unique items)
S8	48	RD S5 (unique items)

7/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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6557576 INSPEC Abstract Number: C2000-05-7130-024

**Title: The integrity of electronic evidence**

Author(s): Tenhunen, M.

Author Affiliation: Central Criminal Police, Vantaa, Finland

Conference Title: Integrity and Internal Control in Information Systems.

Vol.1: Increasing the Confidence in Information Systems. IFIP TC-11 WG11.5  
First Working Conference on Integrity and Internal Control in Information  
Systems p.153-86

Editor(s): Jajodia, S.; List, W.; McGregor, G.; Strous, L.

Publisher: Chapman & Hall, London, UK

Publication Date: 1997 Country of Publication: UK vi+366 pp.

ISBN: 0 412 82600 3 Material Identity Number: XX-1998-00971

Conference Title: Proceedings of 1st Working Conference on Integrity and  
Internal Control in Information Systems

Conference Date: 4-5 Dec. 1997 Conference Location: Zurich,  
Switzerland

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: A new branch of crime investigation science, computer  
forensics, or digital evidence analysis has emerged. It supplements the old  
document investigation (dealing with money, passports, cheques, last wills,  
business records, etc.) and it is becoming more and more important at a  
very rapid pace. Computer evidence is not connected to "classical" computer  
crimes only, it is encountered with crimes of today from murder to child  
pornography. The integrity of electronic evidence is a prerequisite for its  
admissibility in court proceedings. As the Sumerians used seals, sealed  
**envelopes** and trusted **third party** services to preserve the  
evidentiary **value** of their cuneiform clay tablet legal documents, the  
information age has developed applications with one-way hash functions and  
**digital signatures**. The paper discusses the strengths and weaknesses of  
these methods from the point of view of crime investigations. It also tries  
to develop a "forensic information theory", because the modern art of data  
recording is often unknown or misunderstood by lawyers and many cases are  
therefore lost in courts. Data and information cannot exist without a  
physical medium or carrier. Computer evidence is forensic evidence and must  
be treated according to the criminalistic principles developed for  
collecting and securing it. (41 Refs)

Subfile: C

Descriptors: computer crime; cryptography; data integrity; data recording  
; law administration

Identifiers: electronic evidence; crime investigation science; computer  
forensics; digital evidence analysis; murder; child pornography; computer  
crimes; integrity; admissibility; court proceedings; one-way hash functions  
; **digital signatures** ; crime investigations; forensic information theory  
; data recording

Class Codes: C7130 (Public administration); C6130S (Data security);

C0230B (Legal aspects of computing)

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7/5/2 (Item 1 from file: 474)

DIALOG(R)File 474:New York Times Abs

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07864575 NYT Sequence Number: 159085010504

**TORRICELLI INVESTIGATORS STUDY MAILING BY GUN-RIGHTS GROUP**

Kocieniewski, David; Golden, Tim

New York Times, Col. 3, Pg. 1, Sec. A

Friday May 4 2001

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT:

Prosecutors investigate whether campaign letter from firearms group was secretly arranged and paid for by Democratic supporters of Robert G Torricelli during his 1996 senate race against Republican candidate Richard A Zimmer; letter in question was sent out by conservative group affiliated with National Rifle Assn, warning sympathizers that Zimmer would be as bad for gun owners as Torricelli; two witnesses tell Federal Bureau of Investigation that Torricelli campaign surreptitiously engineered **mailing** and arranged for its **payment** ; it is illegal for candidates to direct spending for their campaigns by **third parties** like local political groups; financial records turned over to investigators in case show anti-Zimmer **mailing** was attributed to gun group, Coalition of New Jersey Sportsmen, but paid for with combination of cash, **postage stamps** and check; two unidentified people involved in matter claim **payment** was funneled through RPR Creative Marketing, advertising firm in Englewood, NJ, Torricelli's hometown; hoto (M)

COMPANY NAMES: Senate (US); National Rifle Assn; Federal Bureau of Investigation; coalition of new jersey sportsmen; RPR Creative Marketing  
DESCRIPTORS: Elections; Finances; Firearms; Gun Control; Ethics  
PERSONAL NAMES: Kocieniewski, David; Golden, Tim; Torricelli, Robert G (Sen); Zimmer, Richard A  
GEOGRAPHIC NAMES: New Jersey; New Jersey; New Jersey  
?

File 9:Business & Industry(R) Jul/1994-2002/Dec 10  
     (c) 2002 Resp. DB Svcs.  
 File 15:ABI/Inform(R) 1971-2002/Dec 10  
     (c) 2002 ProQuest Info&Learning  
 File 20:Dialog Global Reporter 1997-2002/Dec 11  
     (c) 2002 The Dialog Corp.  
 File 95:TEME-Technology & Management 1989-2002/Dec W1  
     (c) 2002 FIZ TECHNIK  
 File 476:Financial Times Fulltext 1982-2002/Dec 11  
     (c) 2002 Financial Times Ltd  
 File 610:Business Wire 1999-2002/Dec 11  
     (c) 2002 Business Wire.  
 File 613:PR Newswire 1999-2002/Dec 11  
     (c) 2002 PR Newswire Association Inc  
 File 624:McGraw-Hill Publications 1985-2002/Dec 10  
     (c) 2002 McGraw-Hill Co. Inc  
 File 634:San Jose Mercury Jun 1985-2002/Dec 10  
     (c) 2002 San Jose Mercury News  
 File 810:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
     (c) 1999 PR Newswire Association Inc  
 ?ds

Set	Items	Description
S1	10941201	REVENUE? OR PAYMENT? OR FUND OR FUNDS OR VALUE? OR VALUATI- ON? OR FEE OR FEES OR CHARGE? OR DISBURS? OR BILL OR BILLING? OR ALLOCATION?
S2	147637	STAMP? ? OR (POSTAGE OR POSTAL) ( ) (METER? OR STAMP? OR PRIN- T? OR INDICIA) OR DIGITAL ( ) SIGNATURE?
S3	193225	MAIL ( ) PIECE? OR MAILPIECE? OR ENVELOPE? OR MAILING?
S4	25737	S1 (S) S2
S5	974	S4 (S) S3
S6	6	S5 (S) (THIRD ( ) (PARTY OR PARTIES))
S7	6	RD (unique items)



7/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2002 Resp. DB Svcs. All rts. reserv.

02616086 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**IRS Looks To E-Mail As A Tool**

(Privacy advocates decry an IRS proposal to use e-mail to speed the delivery of personal tax information to mortgage companies, credit bureaus and lenders)

Newsbytes News Network, p N/A

October 25, 1999

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 995

**ABSTRACT:**

...or credit already may authorize the IRS to provide portions of their tax returns to **third parties** , but the process can take weeks. The new system would zip the data within 24...

7/3,K/2 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

19164992

**NETdelivery's Bill Robertson to Examine the Opportunities and Challenges Posts Face in the Digital Age**

PR NEWSWIRE

October 05, 2001

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 406

...systems, buyers and sellers must be able to unquestioningly entrust their information and goods to **third parties** . In this electronic age, posts must seek and present a solution that secures their position...

... information over the Internet. It verifies that documents are unaltered and places a trusted time **stamp** on each document that is sent and received. Complete authentication and security functions allow users...

... users to choose between traditional and Web-based options. CONTACTS: To arrange an interview with **Bill** Robertson contact: Erin Ramsey Guy Murrel NETdelivery Catapult PR and IR (303) 245-7371 (303...

7/3,K/3 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

03992363 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**NATWEST: A complete business banking service online**

M2 PRESSWIRE

January 11, 1999

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2994

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the electric, gas or the telephone: if you want to make a payment to any **third party** such as a supplier or contractor, you can do that as well - it's that...

'7/3,K/4 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

03033871

**StampMaster Announces Internet Postage for Microsoft Word**

BUSINESS WIRE

October 07, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 737

... cleanly integrates into Word and other popular software applications. "We are always excited to see **third - party** applications and services for Office that create **value** for customers," said John Duncan, Microsoft Office Product Manager. "Streamlining the process of generating mail...

... document creation process." With StampMaster Internet Postage, users of Microsoft Word can now print letters, **envelopes** and postage in one simple process. After customers download free StampMaster software from sites on ...

... s software automatically extracts an address from Word documents and prints postage directly to an **envelope** or label along with that address. StampMaster Internet Postage also offers the option to print...

...in their existing address book and with a single click print postage and addresses onto **envelopes** or labels. StampMaster's recent field testing conducted with Beta customers revealed that integration of...

... power of the digital age to streamline the way consumers and businesses purchase and apply **postage**. **StampMaster** is located at 2900 31st St., Ste. 150, Santa Monica, CA, 90405, tel 310/450...

7/3,K/5 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2002 Business Wire. All rts. reserv.

00268677 20000501122B9119 (USE FORMAT 7 FOR FULLTEXT)

**HP LaserJet Print-to-Mail System Provides the Printing Industry's First Affordable and Complete Desktop Mailing Solution**

Business Wire

Monday, May 1, 2000 09:16 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 555

TEXT:

...introduced the HP LaserJet Print-to-Mail system, the printing industry's first affordable desktop **mailing** solution. The HP LaserJet Print-to-Mail system is a one-step solution that creates...

...small- to medium-sized business that produces bills, invoices, checks and other correspondence, HP's **mailing** system replaces time-intensive **billing** and mass- **mailing** processes.

The HP LaserJet Print-to-Mail system easily attaches to the rear output tray...

...By eliminating tedious, time-consuming manual operations, the Print-to-Mail system can significantly reduce **mailing** -preparation costs.

"The Print-to-Mail system highlights HP's leadership and innovation," said Manny Kostas, marketing manager for HP's LaserJet Business Printing. "There are no competitive inline **mailing** solutions that can match the price, speed, and ease-of-use of the HP LaserJet..."

...solution, HP has partnered with industry leaders such as Capella Technologies, MindGate, Moore, Peachtree and **Stamps .com**. Combined with **third - party** solution components, the HP LaserJet Print-to-Mail system enables:

7/3,K/6 (Item 1 from file: 613)  
DIALOG(R) File 613:PR Newswire  
(c) 2002 PR Newswire Association Inc. All rts. reserv.

00738559 20020326NYTU003 (USE FORMAT 7 FOR FULLTEXT)  
**FootPrints 5.5 Enables Organizations to Dramatically Improve**  
PR Newswire  
Tuesday, March 26, 2002 08:29 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 925

TEXT:

...the

Internet," explained Mark Krieger, President of UniPress.

"FootPrints 5.5 continues to push the **envelope** by providing a feature-rich, web-based system to streamline support, project collaboration and task...

...customization and viewing options for greater ease-of-use, expanded time tracking features for simplified **billing** and reporting and new licensing options to seamlessly extend the functionality of FootPrints across an...  
...power a range of support, CRM, marketing and sales initiatives. Help desk technicians can create **mailing** groups from the FootPrints address book, using various search criteria to zero in on specific...

...5, organizations can now better track agents' time, and automatically collect metrics for reporting and **billing** purposes. The software supports multiple **billing** rates for technicians, with the ability to assign different rates to different issues and service levels as needed. Additionally, time and date **stamps** can be applied to individual entries, enabling managers to more effectively understand how time is...

...based system to maximize their FootPrints investment. FootPrints 5.5 also includes improved integration with **third - party** tools such as LDAP address books, and numerous other performance and feature enhancements. For a...

File 16:Gale Group PROMT(R) 1990-2002/Dec 11  
(c) 2002 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2002/Dec 10  
(c)2002 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2002/Dec 11  
(c) 2002 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2002/Dec 10  
(c) 2002 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2002/Dec 11  
(c) 2002 The Gale Group

?ds

Set	Items	Description
S1	9084994	REVENUE? OR PAYMENT? OR FUND OR FUNDS OR VALUE? OR VALUATI- ON? OR FEE OR FEES OR CHARGE? OR DISBURS? OR BILL OR BILLING? OR ALLOCATION?
S2	102164	STAMP? ? OR (POSTAGE OR POSTAL) () (METER? OR STAMP? OR PRIN- T? OR INDICIA) OR DIGITAL()SIGNATURE?
S3	247970	MAIL()PIECE? OR MAILPIECE? OR ENVELOPE? OR MAILING?
S4	16822	S1(S)S2
S5	1132	S4(S)S3
S6	16	S5(S)(THIRD() (PARTY OR PARTIES))
S7	6	RD (unique items)

7/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

08064281 Supplier Number: 66893505 (USE FORMAT 7 FOR FULLTEXT)  
(0) Microsoft Office 10 Beta 2 on the Horizon.(Microsoft Office 10 Beta 2  
on the Horizon -- )  
Powell, James E.  
WinMag.com, pNA  
Nov 10, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 3822

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...up and asks if you want to do a series fill, just fill with the **values** but not formats, and so forth.The same options offered by Smart Tags are available...very impressed.Microsoft will include a toolkit for extending Smart Tags, so we may find **third parties** creating custom tags you can download and install from their Web sites.More ControlIf you...of each change. This approach makes for a less messy screen.For an additional monthly **fee** , you may want to use an ISP to set up what is tentatively called a...

...Spanish language packs. You can now translate a word or selected text. Version 10 allows **digital signatures** on documents, indicating which documents haven't been tampered with since they were signed.A...

...a ToolTip that lists all the variables. As you type a comma to separate each **value** , the next **value** is made bold so you'll always know which variable you're entering. In the...hard drive or network, the new Watch Window lets you keep track of the current **value** of selected cells - as long as the file(s) are open. Close a file and...

...t addressed all the applications' shortcomings, either. For example, if you manually set up an **envelope** in Word and select the Print command, everything is OK unless you have problems (the **envelope** jams, the printer runs out of ink - you name it). In this case, you have...

7/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

08017287 Supplier Number: 66667048 (USE FORMAT 7 FOR FULLTEXT)  
Microsoft Office 10 Beta 2 on the Horizon.(Microsoft Office 10 Beta 2 on  
the Horizon --)(Software Review) (Evaluation)  
Powell, James E.  
WinMag.com, pNA  
Nov 3, 2000  
Language: English Record Type: Fulltext Abstract  
Article Type: Evaluation  
Document Type: Magazine/Journal; Trade  
Word Count: 3643

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...up and asks if you want to do a series fill, just fill with the **values** but not formats, and so forth.The same options offered by Smart Tags are available...very impressed.Microsoft will include a toolkit for extending Smart Tags, so we may find **third parties** creating custom tags you can download and install from their Web sites.More ControlIf you...of each change. This approach makes for a less messy screen.For an additional monthly **fee** , you may want to use an ISP to set up what is tentatively called a...

...Spanish language packs. You can now translate a word or selected text. Version 10 allows **digital signatures** on documents, indicating which documents haven't been tampered with since they were signed.A...

...a ToolTip that lists all the variables. As you type a comma to separate each **value**, the next **value** is made bold so you'll always know which variable you're entering. In the...hard drive or network, the new Watch Window lets you keep track of the current **value** of selected cells - as long as the file(s) are open. Close a file and...

...t addressed all the applications' shortcomings, either. For example, if you manually set up an **envelope** in Word and select the Print command, everything is OK unless you have problems (the **envelope** jams, the printer runs out of ink - you name it). In this case, you have...

7/3,K/3 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

06201761 Supplier Number: 54142341 (USE FORMAT 7 FOR FULLTEXT)  
**UK Post Office Enters E-Commerce Age.**  
Network Briefing, pNA  
March 17, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 427

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
The UK Post Office has revealed details of its Trusted **Third Party** secure e-commerce service, ViaCode, marking the end of Royal Mail's monogamous affair with...

...alternative to operating their own Public Key Infrastructure. Royal Mail will act as the Trusted **Third Party** (TTP) of its PKI, registering and managing digital certificates from client companies as well as...

...back up its claims of trustworthiness, Royal Mail will guarantee the service up to a **value** of 100,000 pounds. In launching this service Royal Mail goes head to head with...

...information about them. To send a secure email using ViaCode, a sender first creates a **digital signature** by running a source document through an algorithm to produce a "message digest", which is...

...a randomly generated symmetric key. The sender then places this encrypted message into a "digital **envelope** ." This is created by encrypting the randomly generated symmetric key with the recipient's public ...

...which is taken from their certificate. The sender then sends the encrypted message and digital **envelope** together. The interface to accomplish this procedure consists of two extra buttons on the sender...

...email application - one to create a signature, one to encrypt. The recipient first decrypts the **envelope** with their private encryption key to get the symmetric key, which is then used to...

7/3,K/4 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02449730 SUPPLIER NUMBER: 66797728 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
(2) **Microsoft Office 10 Beta 2 on the Horizon.**(Microsoft Office 10 Beta 2

on the Horizon -- ) (News Briefs)

Powell, James E.

WinMag.com, NA

Nov 3, 2000

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3822 LINE COUNT: 00286

TEXT:

...up and asks if you want to do a series fill, just fill with the **values** but not formats, and so forth. The same options offered by Smart Tags are available...very impressed. Microsoft will include a toolkit for extending Smart Tags, so we may find **third parties** creating custom tags you can download and install from their Web sites. More ControlIf you...of each change. This approach makes for a less messy screen. For an additional monthly **fee**, you may want to use an ISP to set up what is tentatively called a...

...Spanish language packs. You can now translate a word or selected text. Version 10 allows **digital signatures** on documents, indicating which documents haven't been tampered with since they were signed. A...

...a ToolTip that lists all the variables. As you type a comma to separate each **value**, the next **value** is made bold so you'll always know which variable you're entering. In the...hard drive or network, the new Watch Window lets you keep track of the current **value** of selected cells - as long as the file(s) are open. Close a file and...

...t addressed all the applications' shortcomings, either. For example, if you manually set up an **envelope** in Word and select the Print command, everything is OK unless you have problems (the **envelope** jams, the printer runs out of ink - you name it). In this case, you have...

7/3,K/5 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

01875971 SUPPLIER NUMBER: 17843682 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Take charge of your money. (evaluation of four personal finance programs)**

**(includes related articles on online investing, shopping online, tech support on the Web) (Software Review) (Evaluation)**

Computer Life, v3, n1, p96(11)

Jan, 1996

DOCUMENT TYPE: Evaluation ISSN: 1076-9862 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 6344 LINE COUNT: 00498

... started printing checks, I wondered whether I could be relieved of signing checks and licking **stamps**, too. I wanted to make electronic **payments**. At the time, **third - party** services, which use the Federal Reserve Bank's Automated Clearing House (ACH) network to move...

...on all plans.) That might sound expensive at first, but first-class postage for 15 **envelopes** costs \$4.80 these days, and that doesn't include the cost of the check and the **envelope** itself.

Once I had set up CheckFree, all I had to do was enter the...

7/3,K/6 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

04069268 Supplier Number: 53548910 (USE FORMAT 7 FOR FULLTEXT)

**NATWEST: A complete business banking service online.**

M2 Presswire, pNA

Jan 11, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 2964

... as the telephone and the PC."

Saves time and money

Besides the obvious savings on **envelopes** , **stamps** and time getting to a post box, NatWest's **charges** for **payments** made online are lower for most businesses than its **charges** for cheques - so reducing monthly or quarterly bank **charges** . And the service doesn't just allow you to pay the usual bills, like the electric, gas or the telephone: if you want to make a **payment** to any **third party** such as a supplier or contractor, you can do that as well - it's that...



File 88:Gale Group Business A.R.T.S. 1976-2002/Dec 05  
     (c) 2002 The Gale Group  
 File 647:CMP Computer Fulltext 1988-2002/Nov W3  
     (c) 2002 CMP Media, LLC  
 File 674:Computer News Fulltext 1989-2002/Dec W2  
     (c) 2002 IDG Communications  
 File 696:DIALOG Telecom. Newsletters 1995-2002/Dec 10  
     (c) 2002 The Dialog Corp.  
 File 369:New Scientist 1994-2002/Dec W1  
     (c) 2002 Reed Business Information Ltd.  
 File 484:Periodical Abs Plustext 1986-2002/Dec W1  
     (c) 2002 ProQuest  
 File 370:Science 1996-1999/Jul W3  
     (c) 1999 AAAS  
 File 553:Wilson Bus. Abs. FullText 1982-2002/Oct  
     (c) 2002 The HW Wilson Co

?ds

Set	Items	Description
S1	1998682	REVENUE? OR PAYMENT? OR FUND OR FUNDS OR VALUE? OR VALUATI- ON? OR FEE OR FEES OR CHARGE? OR DISBURS? OR BILL OR BILLING? OR ALLOCATION?
S2	48046	STAMP? ? OR (POSTAGE OR POSTAL) () (METER? OR STAMP? OR PRIN- T? OR INDICIA) OR DIGITAL()SIGNATURE?
S3	77551	MAIL()PIECE? OR MAILPIECE? OR ENVELOPE? OR MAILING?
S4	8065	S1(S)S2
S5	305	S4(S)S3
S6	3	S5(S)(THIRD() (PARTY OR PARTIES))
S7	3	RD (unique items)

'7/3,K/1 (Item 1 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2002 The Gale Group. All rts. reserv.

03640622 SUPPLIER NUMBER: 17150044

"No relief but upon the terms of coming into the house" - controlled spaces, invisible disentanglements, and homelessness in an urban shelter system. (District of Columbia)

Bennett, Susan D.

Yale Law Journal, 104, n8, 2157-2212

June, 1995

ISSN: 0044-0094

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 32691 LINE COUNT: 02704

... require states to get the permission of families or individuals before requesting information from a **third party** about the family. 45 C.F.R. [sections] 205.50(a)(2)(iii). But the...

...to notify a recipient that she signed away any rights to refuse permission to contact **third parties** for verification of her statements when she applied for welfare. 1992 Quality Control Manual, supra...

...91-C-576 (E.D. Wis. filed June 3, 1991) (recipients of AFDC and food **stamps** alleging that private investigators hired by Wisconsin Department of Social Services entered their homes unannounced...from filing a claim on time. As Judge Friendly said, there was no justification for **disbursing** undeserved **funds** from the Treasury "simply because the Federal Government has not been able to secure perfect...

...2d at 954. (61.) See General Accounting Office, Doc. No. GAO/RCED-89-4, Food **Stamp** Program: Administrative Hindrances to Participation 19-21 (1988). (62.) See Order at 1-2, 4...

...failed to identify between 14.95 and 21.43% of eligible applicants for expedited food **stamps** ); Complaint at 9, Darts v. Ibarra, Civ. Action No. 91-S-1003 (D. Colo. filed 1991) (alleging that applicant visited assistance office four times before being screened for emergency **stamps** , and was pressured, incorrectly, into withdrawing her AFDC application because she was receiving child support...

...0385 (D.N.M. filed Aug. 28, 1990) (alleging failure to screen for emergency food **stamps** ); Harley v. Lyng, 653 F. Supp. 266, 271 (E.D. Pa. 1986) (noting that several...

7/3,K/2 (Item 1 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
(c) 2002 The Dialog Corp. All rts. reserv.

00741530

**Web-based Technology in ATMs Allows Wells To Provide More Personalized Service**

Cable Europe

August 30, 2000 VOL: 5 ISSUE: 18 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH

WORD COUNT: 1103

RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...an attractive way to upgrade services using a traditional delivery system.

Wells Fargo Pushes ATM **Envelope**

As RDN reported in May, First Union [FTU] has deployed ATMs to cross-sell products...

...customers, Wells Fargo also provides other services at its ATMs including the ability to purchase **postage stamps**, purchase discount entertainment vouchers and apply for credit cards. According to Nicholson, the vast majority...will look much like television commercials. The advertising may feature bank products or products of **third - party** providers that are chosen for their potential benefit for the bank's customers. By inserting...

...all over the West can be maintained from one site, allowing the bank to save **revenue** and maintenance time. "As the leader in online banking and ATM functionality, we're using...

7/3,K/3 (Item 2 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
(c) 2002 The Dialog Corp. All rts. reserv.

00616648

'UK GOVERNMENT'S POLICY ON SECURE E-COMMERCE REVEALED' - PART 2 (First part published in June 1998 issue)  
ELECTRONIC COMMERCE REVIEW  
July 1, 1998 VOL: 1 ISSUE: 7 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: PHILLIPS BUSINESS INFORMATION  
LANGUAGE: ENGLISH WORD COUNT: 1529 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...which it relies, have to be secure and trusted. Whether it be the entrepreneur e- **mailing** his sales information to a potential supplier or the citizen receiving private electronic advice from...

...send across public networks. And perhaps the most important tool is Cryptography; the use of **digital signatures** and encryption. Whether we are concerned with the integrity of information (ensuring its content has...

...of cryptography and also the responses to the consultation process on the licensing of Trusted **Third Parties** initiated by the previous Administration. In respect of the latter, the Government has responded to...particular encryption products or technologies. In addition there is now a clear policy differentiation between **digital signatures** and encryption; another concern of industry during the consultation process. The Department in conjunction with...

...clear differences in approach that need to be afforded to the development of electronic and **digital signature** services (for integrity) on the one hand, and to encryption (or confidentiality) services on the...

...those bodies providing, or facilitating the provision of cryptography services. Principally these will be Trusted **Third Parties** (the generic term for bodies that provide one, or a variety of cryptography services to...

...provide trust that the authentication

process is reliable (ie an owner of an electronic or **digital signature** certificate is who they say they are) ...tonnes of Class A drugs, and 112 tonnes of other drugs, with a combined street **value** of over Pounds 600 million; the seizure of over Pounds 700 million in cash and...

...data (in effect, the encryption key). This does not include cryptographic keys used solely for **digital signature** purposes. The new powers will apply to those holding such information (whether licensed or not...  
?

File 8: Ei Compendex(R) 1970-2002/Dec W1  
(c) 2002 Elsevier Eng. Info. Inc.  
File 94: JICST-EPlus 1985-2002/Oct W1  
(c) 2002 Japan Science and Tech Corp(JST)  
File 6: NTIS 1964-2002/Dec W2  
(c) 2002 NTIS, Intl Cpyrght All Rights Res  
File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 34: SciSearch(R) Cited Ref Sci 1990-2002/Dec W2  
(c) 2002 Inst for Sci Info  
?ds

Set	Items	Description
S1	2261939	REVENUE? OR PAYMENT? OR FUND OR FUNDS OR VALUE? OR VALUATI- ON? OR FEE OR FEES OR CHARGE? OR DISBURS? OR BILL OR BILLING? OR ALLOCATION?
S2	5819	STAMP? ? OR (POSTAGE OR POSTAL) () (METER? OR STAMP? OR PRIN- T? OR INDICIA) OR DIGITAL() SIGNATURE?
S3	83516	MAIL() PIECE? OR MAILPIECE? OR ENVELOPE? OR MAILING?
S4	689	S1 AND S2
S5	9	S4 AND S3
S6	7	RD (unique items)
S7	56	S4(5N) (ENCRYP? OR CRYPTO? OR CODE? OR CODING? OR SECRET?)
S8	1	S7 AND (THIRD() (PARTY OR PARTIES))
S9	1	S8 NOT S6

6/5/1 (Item 1 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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06089417 E.I. No: EIP02287013104

**Title: The well-equipped mailroom**

Author: DeDiemar, Nancy

Corporate Source: Printing Resources, Upland, CA, United States

Source: In-Plant Printer v 40 n 4 July/August 2000. p 30-34

Publication Year: 2000

ISSN: 1071-832X

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 0207W2

Abstract: Different aspects of a well equipped mailroom are discussed. The four critical issues which are to be considered before adding mail capabilities to in-plant printing services includes space **allocation**, staff assessment, business direction and anticipated mail volume. The **mailing** services are suggested to be divided into two groups of letter shop services. The start-up equipment configuration consisting of **postage meter / mailing** machines, labelers, tabber and inkjet addressing machine is also analyzed. (Edited abstract)

Descriptors: \*Mail handling; Printing; Labeling; Sorting; Sealing (closing); Database systems; Powders; Computer hardware; Computer software; Costs

Identifiers: Mailroom

Classification Codes:

694.3.1 (Gluing, Labeling, Sealing & Taping); 694.1.1 (Packaging, Wrapping & Materials Handling (Using paper products)); 811.0.3 (Economics, Research & Miscellaneous)

745.1 (Printing); 694.3 (Packaging Equipment); 723.3 (Database Systems); 694.1 (Packaging); 811.0 (General Topics in Paper Science & Technology)

691 (Bulk Handling & Unit Loads); 745 (Printing & Reprography); 694 (Packaging); 723 (Computer Software, Data Handling & Applications); 804 (Chemical Products Generally); 722 (Computer Hardware); 911 (Cost & Value Engineering; Industrial Economics); 811 (Cellulose, Paper & Wood Products)

69 (MATERIALS HANDLING); 74 (LIGHT & OPTICAL TECHNOLOGY); 72 (COMPUTERS & DATA PROCESSING); 80 (CHEMICAL ENGINEERING, GENERAL); 91 (ENGINEERING MANAGEMENT); 81 (CHEMICAL ENGINEERING, PROCESS INDUSTRIES)

6/5/2 (Item 2 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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05352767 E.I. No: EIP99094775428

**Title: Two dimension bar code recognition method and stamp pattern recognition method by using image pattern**

Author: Uno, Hiroshi; Hayasaki, Yasushi

Corporate Source: NEC Postal Technorex, Ltd

Source: NEC Research and Development v 40 n 2 Apr 1999. p 165-170

Publication Year: 1999

CODEN: NECRAU ISSN: 0547-051X

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9910W3

Abstract: Japan MPT has introduced customer bar code in order to respond to the new **mailing** system. This bar code is a 2-dimensional bar code representing address information printed on a mail item by a sender. NEC has developed a recognition method through which this bar code can be recognized with high accuracy in order to meet the needs for it. In the United States also, introduction of a 2-dimension bar code in compliance with new standards is under consideration and recognition methods for reading this bar code are being studied. As for recognition of **stamps**, we

have been studying the **stamp** recognition method using a 2-dimensional image. This is because through conventional recognition methods detecting fluorescence, phosphorescence, and color or detecting and counting serrations, commemorative **stamps** are difficult to identify and **stamp values** are very difficult to be recognized. Besides, in Europe and the US, phosphorescent and fluorescent materials are considered to be harmful to the body, and use of them is being discontinued. Toshiba and Siemens are also developing this kind of method. Both 2-dimension bar code and **stamp** recognition by using 2-dimension image are being introduced in overseas post offices. (Author abstract) 4 Refs.

Descriptors: \*Postal services; Automation; Pattern recognition systems; Bar codes; Image analysis

Identifiers: Automatic mail processing technology; **Stamp** recognition

Classification Codes:

723.5 (Computer Applications); 741.1 (Light/Optics); 723.2 (Data Processing)

731 (Automatic Control Principles); 723 (Computer Software); 741 (Optics & Optical Devices)

73 (CONTROL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 74 (OPTICAL TECHNOLOGY)

6/5/3 (Item 3 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
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03392082 E.I. Monthly No: EI9203039968

**Title: Stressed state of clayey soil in the contact layer below the base of a rigid strip-type stamp .**

Author: Krivorotov, A. P.; Khalturina, L. V.

Source: Soil Mechanics and Foundation Engineering (English translation of Osnovaniya, Fundamenty i Mekhanika Gruntov) v 28 n 2 Sep 1991 p 84-89

Publication Year: 1991

CODEN: SMFEAF ISSN: 0038-0741

Document Type: JA; (Journal Article) Treatment: T; (Theoretical); X; (Experimental)

Journal Announcement: 9203

Abstract: The character of stress distribution along the foundations can raise the accuracy in determining predicted soil base deformations and calculated forces used for evaluating strength and deformability of foundation materials and thereby enhance the reliability of erected buildings and structures. It is therefore of current interest to collect additional information on the distribution of contact stresses in a clayey soil base. **Envelopes** of stresses  $\sigma //z$  in the contact layer of clayey soil are concave in form which reduces with increase in load. The **value** of  $\sigma //x$  at the corresponding points is substantially less than  $\sigma //z$  (up to 4 times). In the tests, maximum **values** of  $\tau //z//x$  at the **stamp** edges were  $0.25 \sigma //z$  and act on the **stamp** base along a direction away from its axis of symmetry. In regard to differences in trajectories of growth in stresses at different points in the contact layer, the physical equations connecting the stresses and deformations cannot be described by a single analytical expression. For using such an expression for practical purposes, comparative calculations have to be made in each individual case. For a clayey soil base, in determining the stresses  $\sigma //z$  in the contact layer of slightly deepened rigid and rough strip-type foundations with loads not exceeding  $(0.4-0.5)$  multiplied by  $\Theta //i**c$ , the corresponding solutions of the theory of a linearly deformable medium can be used. 8.

Descriptors: \*SOILS--\*Stresses; FOUNDATIONS--Soil Structure Interaction; SOIL MECHANICS--Calculation; BUILDING MATERIALS--Deformation; CLAY--Load Testing; RELIABILITY

Identifiers: FOUNDATION BASES; STRESS DISTRIBUTIONS; CONTACT STRESSES; CLAYEY SOILS

Classification Codes:

483 (Soil Mechanics & Foundations); 405 (Construction Equipment &

Methods); 931 (Applied Physics); 421 (Materials Properties)  
48 (ENGINEERING GEOLOGY); 40 (CIVIL ENGINEERING); 93 (ENGINEERING  
PHYSICS); 42 (MATERIALS PROPERTIES & TESTING)

6/5/4 (Item 4 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
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01122312 E.I. Monthly No: EI8206054304 E.I. Yearly No: EI82095848  
Title: **SHEAR STRENGTH OF COHESIONLESS SOILS FROM INCREMENTAL CREEP TEST DATA.**

Author: Baladi, Gilbert Y.; Lentz, R. W.; Goitom, T.; Boker, T. D.  
Corporate Source: Mich State Univ, East Lansing, USA  
Source: ASTM Spec Tech Publ 740, Lab Shear Strength of Soil, Chicago, Ill, USA, Jun 25 1980. Publ by ASTM, Philadelphia, Pa, USA, 1981 p 541-550  
Publication Year: 1980

CODEN: ASTTA8 ISSN: 0066-0558

Language: ENGLISH

Journal Announcement: 8206

Abstract: Results of incremental creep tests performed on cohesionless subgrade materials and **stamp** sand are presented with the results of conventional triaxial tests performed on the same soil at comparable density and water content. The Mohr-failure **envelope** and the shear strength data from the incremental creep tests are presented. The shear strength **values** of the specimens of the incremental creep tests are compared with the shear strength **values** obtained from conventional triaxial and cyclic triaxial tests. 22 refs.

Descriptors: \*SOILS--\*Shear Strength; SOIL MECHANICS--Mathematical Models ; MATERIALS TESTING--Creep; SAND AND GRAVEL

Identifiers: COHESIONLESS SOILS

Classification Codes:

483 (Soil Mechanics & Foundations); 931 (Applied Physics); 921 (Applied Mathematics); 421 (Materials Properties)

48 (ENGINEERING GEOLOGY); 93 (ENGINEERING PHYSICS); 92 (ENGINEERING MATHEMATICS); 42 (MATERIALS PROPERTIES & TESTING)

6/5/5 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
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0782044 NTIS Accession Number: AD-A073 003/6/XAB

**Evaluation of Postage Meters and Decentralized Accountability for Official Mail Costs**

(Final rept. 5 Sep 78-30 Jun 79)

Beasley, L. J. ; Sanders, R. B. ; Caridakis, M. M.

Adjutant General Center Washington DC Postal Directorate

Corp. Source Codes: 409492

Report No.: PL-79-01

1 Jul 79 57p

Languages: English

Journal Announcement: GRAI7925

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NTIS Prices: PC A04/MF A01

The Evaluation of **Postage Meters** and Decentralized Accountability for Official Mail Cost was conducted in three phases (5 Sep 78-30 Jun 79) at four activities: The Adjutant General Center (TAGCEN); USA Military Personnel Center (MILPERCEN); USA Reserve Components Personnel and Administration Center (RCPAC); and USA AG Publications Center, St. Louis (SLAGPC). The objective of the study was to determine the cost effectiveness of **postage meters** and decentralized accountability for official mail



costs, and the desirability of discontinuing the current sampling based United States Postal Service (USPS **billing** system. Major impetuses for the study were: (1) Questionable validity of the USPS sampling system for **billing** purposes; (2) Requirement for more precise user information to support positive dynamic management; (3) Lack of funding and user incentive to select less costly **mailing** alternatives; and (4) DAIF inspection (Feb 78) conclusion that there is essentially no management of Army official mail costs at DA or user level. It was determined during the study that **postage meters** were cost effective. Projection of test site **postage meter** savings Army-wide for FY79 yields a gross savings estimate of \$6,556,918. Accordingly it is recommended in the study that **postage meters** be introduced Army-wide on a phased basis (FY82-86). (Author)

Descriptors: **Postage meters** ; Accountability; Costs; Cost effectiveness; Management; Army

Identifiers: \*Mail costs; NTISDODXA

Section Headings: 70B (Administration and Management--Management Practice)

6/5/6 (Item 2 from file: 6)

DIALOG(R) File 6:NTIS

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0480934 NTIS Accession Number: COM-75-10058/6/XAB

**Preparation and Calibration of Phosphor Standards**

(Final rept. Jul 72-Sep 74)

Greenough, M. L. ; Hammond, H. K.

National Bureau of Standards, Washington, D.C. Inst. for Applied Technology.

Corp. Source Codes: 400614

Sponsor: Postal Service, Rockville, Md. Planning and New Development Dept.

Report No.: NBSIR-74-553

Oct 74 72p

Journal Announcement: GRAI7506

Sponsored in part by Postal Service, Rockville, Md. Planning and Development Dept.

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NTIS Prices: PC A04/MF A01

This project involved two activities, (1) the fabrication and calibration of phosphor standards for use in the Postal Service Model 4A8 Phosphormeter and (2) the construction of an instrument to perform the calibration function. Both of these relate to the standardization of the phosphorescent and fluorescent activity of the luminescent coatings applied to **postage stamps** by the Bureau of Engraving and Printing. The purpose of the luminescent coatings is to facilitate detecting the orientation of **envelopes** in facer canceler machines during mail processing. Work on the project entailed the fabrication of approximately 60 phosphor standards, which are hand-sized aluminum blocks into which **stamp**-sized wafers of luminescent materials are mounted. This report, one of two covering the project activities, describes the preparation of luminescent wafers, their assembly into phosphor standards and the test procedures on completed standards. It includes a tabulation of the calibrated **values** of the new standards.

Descriptors: \*Phosphors; \*Fluorescence; \*Standards; Measuring instruments ; Calibrating; Fabrication; Surface finishing; Surface roughness; Fluorimetry; Luminescence; Mail

Identifiers: **Postage stamps** ; United States Postal Service; NTISCOMNBS

Section Headings: 99A (Chemistry--Analytical Chemistry)

6/5/7 (Item 1 from file: 34)

09885848 Genuine Article#: 460QM Number of References: 21

**Title: Authenticity and integrity of digital mammography images**

Author(s): Zhou XQ; Huang HK (REPRINT) ; Lou SL

Corporate Source: Univ So Calif, Childrens Hosp, Dept Radiol, Mailstop  
81, 4650 Sunset Blvd/Los Angeles//CA/90027 (REPRINT); Univ So  
Calif, Childrens Hosp, Dept Radiol, Los Angeles//CA/90027; Univ Calif San  
Francisco, Lab Radiol Informat, San Francisco//CA/94143

Journal: IEEE TRANSACTIONS ON MEDICAL IMAGING, 2001, V20, N8 (AUG), P  
784-791

ISSN: 0278-0062 Publication date: 20010800

Publisher: IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 345 E 47TH ST,  
NEW YORK, NY 10017-2394 USA

Language: English Document Type: ARTICLE

Geographic Location: USA

Journal Subject Category: COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS;  
ENGINEERING, BIOMEDICAL; ENGINEERING, ELECTRICAL & ELECTRONIC; IMAGING  
SCIENCE & PHOTOGRAPHIC TECHNOLOGY; RADIOLOGY, NUCLEAR MEDICINE &  
MEDICAL IMAGING

**Abstract:** Data security becomes more and more important in telemammography which uses a public high-speed wide area network connecting the examination site with the mammography expert center. Generally, security is characterized in terms of privacy, authenticity and integrity of digital data. Privacy is a network access issue and is not considered in this paper. We present a method, authenticity and integrity of digital mammography, here which can meet the requirements of authenticity and integrity for mammography image (IM) transmission.

The authenticity and integrity for mammography (AIDM) consists of the following four modules.

1) Image preprocessing: To segment breast pixels from background and extract patient information from digital imaging and communication in medicine (DICOM) image header.

2) Image hashing: To compute an image hash **value** of the mammogram using the MD5 hash algorithm.

3) Data encryption: To produce a digital **envelope** containing the encrypted image hash **value** ( **digital signature** ) and corresponding patient information.

4) Data embedding: To embed the digital **envelope** into the image. This is done by replacing the least significant bit of a random pixel of the mammogram by one bit of the digital **envelope** bit stream and repeating for all bits in the bit stream.

Experiments with digital IMs demonstrate the following.

1) In the expert center, only the user who knows the private key can open the digital **envelope** and read the patient information data and the **digital signature** of the mammogram transmitted from the examination site.

2) Data integrity can be verified by matching the image hash **value** decrypted from the **digital signature** with that computed from the transmitted image.

3) No visual quality degradation is detected in the embedded image compared with the original.

Our preliminary results demonstrate that AIDM is an effective method for image authenticity and integrity in telemammography

'9/5/1 (Item 1 from file: 8)  
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04523986 E.I. No: EIP96103362048

**Title: Practical protocols for certified electronic mail**

Author: Deng, R.H.; Gong, L.; Lazar, A.A.; Wang, W.

Corporate Source: Natl Univ of Singapore, Singapore, Singapore

Source: Journal of Network and Systems Management v 4 n 3 Sep 1996. p 279-297

Publication Year: 1996

CODEN: JNSMEG ISSN: 1064-7570

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 9612W2

Abstract: Electronic mail, or e-mail, has brought us a big step closer towards the vision of paperless offices. To advance even closer to this vision, however, it is essential that existing e-mail systems be enhanced with value-added services which are capable of replacing many of the human procedures established in pen and paper communications. One of the most important and desirable such services is certified e-mail delivery, in which the intended recipient will get the mail content if and only if the mail originator receives an irrefutable proof-of-delivery from the recipient. In this paper, we present the design of two **third - party** based certified mail protocols, termed CMP1 and CMP2. Both protocols are designed for integration into existing standard e-mail systems and both satisfy the requirements of nonrepudiation of origin, nonrepudiation of delivery, and fairness. The difference between CMP1 and CMP2 is that the former provides no mail content confidentiality protection while the latter provides such a protection. Moreover, security of the protocols are analyzed using a recently proposed accountability framework. (Author abstract) 18 Refs.

Descriptors: \*Electronic mail; Network protocols; Information services; Security of data; Computer networks; Standards; Cryptography

Identifiers: **Digital signature ; Encryption ;** Certified electronic mail

Classification Codes:

723.5 (Computer Applications); 723.2 (Data Processing); 903.4 (Information Services); 902.2 (Codes & Standards); 716.1 (Information & Communication Theory)

723 (Computer Software); 903 (Information Science); 902 (Engineering Graphics & Standards); 716 (Radar, Radio & TV Electronic Equipment)

72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 71 (ELECTRONICS & COMMUNICATIONS)

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L2L1    revenue\$ or payment\$ or allocation\$

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Oct 1, 1994

TDB-ACC-NO: NN9410667

DISCLOSURE TITLE: Postal Scale with Speech Recognition Feature

PUBLICATION-DATA:

IBM Technical Disclosure Bulletin, October 1994, US

VOLUME NUMBER: 37

ISSUE NUMBER: 10

PAGE NUMBER: 667 - 668

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1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 4713761 A	19871215	19	System for centralized processing of accounting and payment functions
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5621640 A	19970415	13	Automatic philanthropic contribution system
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5703783 A	19971230	19	Apparatus for intercepting and forwarding incorrectly addressed postal mail
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5717597 A	19980210	27	System and method for printing personalized postage indicia on greeting cards
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6085181 A	20000704	17	Postage metering system and method for a stand-alone meter operating as a meter server on a network
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6097834 A	20000801	23	Financial transaction processing systems and methods
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6112191 A	20000829	40	Method and system to create and distribute excess funds from consumer spending transactions
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6227445 B1	20010508	8	Secure smart card access to pre-paid metering funds in meter
9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6233565 B1	20010515	34	Methods and apparatus for internet based financial transactions with evidence of payment

	Inventor	Current OR	Current XRef
1	Sharpe, Murem S. et al.	705/30	340/825.26; 705/40; 902/37
2	Burke, Bertram V.	705/14	235/375; 235/379; 902/22; 902/24; 902/41
3	Allen, Ronald L. et al.	700/213	209/584
4	Kara, Salim G.	705/408	700/231; 700/232; 700/233; 700/235; 705/410
5	Gravell, Linda V. et al.	705/408	713/176
6	Krouse, Louis J. et al.	382/137	382/139
7	Burke, Bertram V.	705/41	235/375; 235/379; 705/17; 705/21; 705/24; 705/39
8	Brookner, George	235/379	235/375; 705/410; 705/60
9	Lewis, Richard et al.	705/35	705/26; 705/39; 705/40; 705/44; 705/67; 705/75

	U	1	2	3	4	5	Document ID <sup>Δ</sup>	Issue Date	Pages	Title
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6260029 B1	20010710	12	Postage meter that provides on a mailpiece evidence of postage paid together with cryptographically secured, third party certified, non-shipping information about the sender of the mailpiece
11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6289323 B1	20010911	20	System and method for completing monetary transactions by presentment of postage value to a postal authority
12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6427139 B1	20020730	7	Method for requesting and refunding postage utilizing an indicium printed on a mailpiece



	Inventor	Current OR	Current XRef
10	Critelli, Michael J.	705/408	705/401
11	Gordon, Roy R. et al.	705/40	705/401
12	Pierce, Perry A.	705/60	101/71; 283/71; 705/401; 705/408; 705/410; 705/62

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1	IS&R	8	((("6289323") or ("6227445") or ("5717597") or ("5703783") or ("6085181") or ("6097834") or ("6427139") or ("4713761"))).PN.	USPAT	2002/12/09 19:15
2	BRS	47740	thirid adj party payment	USPAT; DERWENT; IBM_TDB	2002/11/20 18:34
3	BRS	474	705/400	USPAT; DERWENT; IBM_TDB	2002/12/09 19:17
4	BRS	75	705/400 and (third adj party)	USPAT; IBM_TDB	2002/12/09 19:47
5	BRS	7	705/400 and ((third adj party) WITH payment)	USPAT; IBM_TDB	2002/12/09 19:52
6	BRS	202	postal adj meter	USPAT; IBM_TDB	2002/12/09 19:51
7	BRS	0	(postal adj meter) and ((third adj party) adj (payment or value))	USPAT; IBM_TDB	2002/12/09 19:52
8	BRS	2	(postal adj meter) and ((third adj party) WITH payment)	USPAT; IBM_TDB	2002/12/09 19:52
9	IS&R	4	((("5621640") or ("6112191"))).PN.	USPAT; DERWENT; IBM_TDB	2002/12/10 20:07
10	IS&R	2	("6289323").PN.	USPAT; DERWENT; IBM_TDB	2002/12/11 11:36
11	IS&R	2	("6233565").PN.	USPAT; DERWENT; IBM_TDB	2002/12/11 11:42
12	IS&R	12	((("4725718") or ("5454038") or ("5168804") or ("5024153") or ("4831554") or ("5509109"))).PN.	USPAT; DERWENT; IBM_TDB	2002/12/11 13:50